

AEDC-TR-69-126

VOLUME I

DEC 04 1984



**TABLES OF EQUILIBRIUM THERMODYNAMIC
PROPERTIES OF NITROGEN
VOLUME I. CONSTANT TEMPERATURE**

Herbert S. Brahinsky and Charles A. Neel

ARO, Inc.

August 1969

Property of U. S. Air Force
AEDC LIBRARY
F40600-81-C-3004

This document has been approved for public release
and sale; its distribution is unlimited.

**TECHNICAL REPORTS
FILE COPY**

**VON KÁRMÁN GAS DYNAMICS FACILITY
ARNOLD ENGINEERING DEVELOPMENT CENTER
AIR FORCE SYSTEMS COMMAND
ARNOLD AIR FORCE STATION, TENNESSEE**

NOTICES

When U. S. Government drawings specifications, or other data are used for any purpose other than a definitely related Government procurement operation, the Government thereby incurs no responsibility nor any obligation whatsoever, and the fact that the Government may have formulated, furnished, or in any way supplied the said drawings, specifications, or other data, is not to be regarded by implication or otherwise, or in any manner licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture, use, or sell any patented invention that may in any way be related thereto.

Qualified users may obtain copies of this report from the Defense Documentation Center.

References to named commercial products in this report are not to be considered in any sense as an endorsement of the product by the United States Air Force or the Government.

TABLES OF EQUILIBRIUM THERMODYNAMIC
PROPERTIES OF NITROGEN
VOLUME I. CONSTANT TEMPERATURE

Herbert S. Brahinsky and Charles A. Neel
ARO, Inc.

This document has been approved for public release
and sale; its distribution is unlimited.

FOREWORD

The work reported herein was sponsored by Headquarters, Arnold Engineering Development Center (AEDC), Air Force Systems Command (AFSC), under Program Element 63101F.

The tabulations were made by ARO, Inc. (a subsidiary of Sverdrup & Parcel and Associates, Inc.), contract operator of AEDC, AFSC, Arnold Air Force Station, Tennessee, under Contract F40600-69-C-0001. They were made between January 1966 and January 1969 under ARO Project No. VJ3921, and the manuscript was submitted for publication on May 7, 1969.

This technical report has been reviewed and is approved.

Elmer E. Goins
Captain, USAF
Technical Facility
Development Division
Directorate of Plans
and Technology

Harry L. Maynard
Colonel, USAF
Director of Plans
and Technology

ABSTRACT

Equilibrium thermodynamic data are presented for nitrogen from a temperature of 100 to 15,000°K and from a $\log \rho$ of -7.0 to 3.0, where ρ is density in amagats. These data are tabulated at constant temperature with density incremented. The dependent parameters are Z , E/RT , H/RT , S/R , $\log P$, and Z^* . Several sources were used in assembling the data.

CONTENTS

	<u>Page</u>
ABSTRACT	iii
NOMENCLATURE	v
CONSTANTS FOR USE WITH NITROGEN TABLES	vi
DISCUSSION.	vii
REFERENCES.	viii

TABLE I

THERMODYNAMIC DATA AT CONSTANT TEMPERATURE FOR NITROGEN	ix
--	----

NOMENCLATURE

A	Speed of sound
AA	Speed of sound at 273.15°K and 1 atm (from $\sqrt{\gamma RT}$)
C_p	Specific heat at constant pressure
C_v	Specific heat at constant volume
E	Internal energy
H	Enthalpy
ln	Logarithm to base e
log	Logarithm to base 10
P	Pressure, atm
P_0	Reference pressure, 1 atm
R	Gas constant
S/R	Dimensionless entropy
T	Temperature, °K
Z	Compressibility factor
Z^*	Total number of moles/mole at 273.15°K and 1 atm
γ	Ratio of specific heats
γ_E	Isentropic exponent ($\partial \log P / \partial \log \rho)_S$)
ρ	Density, amagats
ρ_0	Reference density, 1 amagat; the density of 1 atm of pressure and 273.15°K

CONSTANTS FOR USE WITH NITROGEN TABLES

$$T_O = 273.15^\circ\text{K}$$

$$\text{Gravitational Constant} = 32.174 \text{ ft/sec}^2$$

$$1 \text{ Btu} = 778.158 \text{ ft-lb}$$

$$1 \text{ gm-cal} = 42,692.8 \text{ gm-cm}$$

$$1 \text{ gm/cm}^3 = 62.4283 \text{ lb/ft}^3$$

$$P_O = 1.0 \text{ atm}$$

$$= 1.03323 \times 10^3 \text{ gm/cm}^2$$

$$= 14.6959 \text{ psi}$$

$$= 2116.22 \text{ psf}$$

$$= 760 \text{ mm Hg}$$

$$= 1.013246 \times 10^5 \text{ newtons/m}^2$$

$$\gamma = 1.4 \text{ for AA calculation}$$

$$\text{AA} = 1105.661 \text{ ft/sec}$$

$$= 362.750 \text{ m/sec}$$

$$\text{Molecular Weight} = 28.0134$$

$$R = 1.98717 \text{ gm-cal/gm-mole } ^\circ\text{K}$$
$$\text{of Btu/lb-mole } ^\circ\text{R}$$

$$= 7.09364 \times 10^{-2} \text{ gm-cal/gm } ^\circ\text{K}$$
$$\text{or Btu/lb } ^\circ\text{R}$$

$$= 3196.793 \text{ ft}^2/\text{sec}^2 \text{ } ^\circ\text{K}$$

$$= 1775.996 \text{ ft}^2/\text{sec}^2 \text{ } ^\circ\text{R}$$

$$= 3.66099 \times 10^{-3} \text{ atm/amagat } ^\circ\text{K}$$

$$\rho_O = 1.0 \text{ amagat}$$

$$= 4.45868 \times 10^{-5} \text{ gm-mole/cm}^3$$

$$= 1.24903 \times 10^{-3} \text{ gm/cm}^3$$

$$= 7.79747 \times 10^{-2} \text{ lb/ft}^3$$

$$= 2.42353 \times 10^{-3} \text{ slugs/ft}^3$$

DISCUSSION

Accurate thermodynamic data are of obvious importance for modern-day gasdynamic studies. In accordance with this philosophy, the Arnold Engineering Development Center (AEDC) has sponsored much of the work of the National Bureau of Standards (NBS) in producing and publishing the thermodynamic properties of several gases, an example of which is the AEDC report of Hilsenrath and Klein (Ref. 1) for nitrogen. In Ref. 1 the data are presented in tables of constant temperature with the independent variable being $\log \rho$ and the dependent variables being Z , E/RT , H/RT , S/R , $\log P$, and Z^* . These data include dissociation, ionization, and second virial corrections. The data of Little and Neel (Ref. 2), which are based in part on the work of Din (Ref. 3), are in the same format as the NBS data but cover the lower temperature range. The data of Smith (Ref. 4) are in the same NBS format. The data of Grabau and Brahinsky (Ref. 5) extrapolated the existing data to high density for the midrange of temperatures; these data are also in the same NBS format. However, to have the above data in different formats from that normally found in most NBS reports, namely temperature versus density, is desirable. For example, interpolations at constant pressure (Ref. 6) and constant entropy (Ref. 7) greatly simplify normal shock crossing and isentropic expansion calculations; interpolated speed of sound and specific heat data are also of great value. Hence, a project has been undertaken at the AEDC to assemble the above-described data in various formats by interpolating the basic data (NBS format) using the four-point Lagrange interpolation formula described by Lewis and Neel (Ref. 8).

The data presented in this volume are in the same format as the NBS data; however, all sources have been assembled in one table. These are then the basic data which will be used to generate all other data in the other formats.

Table I presents these data from 100 to 15,000°K in 100-deg increments over a varying density range between a $\log \rho$ of -7.0 and a $\log \rho$ of 3.0 in increments of 0.2 in $\log \rho$, where density is in amagats. Each set of data is at a constant temperature with density incremented. The dependent parameters are Z , E/RT , H/RT , S/R , $\log P$, and Z^* in that order. Constants for reducing the data to various dimensional units are found in the nomenclature.

!

REFERENCES

1. Hilsenrath, J. and Klein, M. "Table of Thermodynamic Properties and Chemical Composition of Nitrogen in Chemical Equilibrium Including Second Virial Corrections from 1600°K to 15,000°K." AEDC-TR-66-65 (AD630461), April 1966.
2. Little, W. J. and Neel, C. A. "Tables of the Thermodynamic Properties of Nitrogen from 100 to 1500°K." AEDC-TDR-62-170 (AD283441), September 1962.
3. Din, F. Thermodynamic Functions of Gases. Vol. 3, Butterworths Scientific Publications, London, 1961.
4. Smith, C. E., Jr. "Thermodynamic Properties of Nitrogen." Lockheed TR-6-90-62-111, December 1962.
5. Grabau, M. and Brahinsky, H. S. "Thermodynamic Properties of Nitrogen from 300 to 5000°K and from 1 to 1000 Amagats." AEDC-TR-66-69 (AD636730), August 1966.
6. Neel, C. A. and Lewis, C. H. "Interpolations of Imperfect Nitrogen Thermodynamic Data II. At Constant Pressure." AEDC-TR-64-213 (AD449381), October 1964.
7. Neel, C. A. and Lewis, C. H. "Interpolations on Imperfect Nitrogen Thermodynamic Data I. At Constant Entropy." AEDC-TDR-64-212 (AD449409), October 1964.
8. Lewis, C. H. and Neel, C. A. "Specific Heat and Speed and Sound Data for Imperfect Air." AEDC-TDR-64-36 (AD600469), May 1964.

TABLE I
THERMODYNAMIC DATA AT CONSTANT TEMPERATURE FOR NITROGEN

T= 100						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	1.0000	2.4902	3.4902	36.3270	-7.4364	1.00000
-6.80	1.0000	2.4902	3.4902	35.8665	-7.2364	1.00000
-6.60	1.0000	2.4902	3.4902	35.4059	-7.0364	1.00000
-6.40	1.0000	2.4902	3.4902	34.9454	-6.8364	1.00000
-6.20	1.0000	2.4902	3.4902	34.4849	-6.6364	1.00000
-6.00	1.0000	2.4902	3.4902	34.0244	-6.4364	1.00000
-5.80	1.0000	2.4902	3.4902	33.5639	-6.2364	1.00000
-5.60	1.0000	2.4902	3.4902	33.1033	-6.0364	1.00000
-5.40	1.0000	2.4902	3.4902	32.6428	-5.8364	1.00000
-5.20	1.0000	2.4902	3.4902	32.1823	-5.6364	1.00000
-5.00	1.0000	2.4902	3.4902	31.7218	-5.4364	1.00000
-4.80	1.0000	2.4902	3.4902	31.2613	-5.2364	1.00000
-4.60	1.0000	2.4902	3.4902	30.8008	-5.0364	1.00000
-4.40	1.0000	2.4902	3.4902	30.3402	-4.8364	1.00000
-4.20	1.0000	2.4902	3.4902	29.8797	-4.6364	1.00000
-4.00	1.0000	2.4902	3.4902	29.4192	-4.4364	1.00000
-3.80	1.0000	2.4902	3.4902	28.9587	-4.2364	1.00000
-3.60	1.0000	2.4902	3.4902	28.4982	-4.0364	1.00000
-3.40	1.0000	2.4902	3.4902	28.0377	-3.8364	1.00000
-3.20	1.0000	2.4902	3.4902	27.5771	-3.6364	1.00000
-3.00	1.0000	2.4902	3.4902	27.1166	-3.4364	1.00000
-2.80	1.0000	2.4902	3.4902	26.6561	-3.2364	1.00000
-2.60	1.0000	2.4902	3.4902	26.1956	-3.0364	1.00000
-2.40	1.0000	2.4902	3.4902	25.7351	-2.8364	1.00000
-2.20	1.0000	2.4902	3.4902	25.2746	-2.6364	1.00000
-2.00	1.0000	2.4902	3.4902	24.8140	-2.4364	1.00000
-1.80	1.0000	2.4902	3.4902	24.3535	-2.2364	1.00000
-1.60	1.0000	2.4902	3.4902	23.8930	-2.0364	1.00000
-1.40	0.9996	2.4899	3.4894	23.4321	-1.8364	1.00000
-1.20	0.9992	2.4893	3.4886	22.9713	-1.6366	1.00000
-1.00	0.9989	2.4888	3.4877	22.5105	-1.4367	1.00000
-0.80	0.9986	2.4882	3.4868	22.0497	-1.2368	1.00000
-0.60	0.9983	2.4877	3.4859	21.5890	-1.0370	1.00000
-0.40	0.9965	2.4856	3.4821	21.1273	-0.8376	1.00000
-0.20	0.9944	2.4831	3.4775	20.6654	-0.6384	1.00000
0.0	0.9923	2.4806	3.4729	20.2035	-0.4392	1.00000
0.20	0.9886	2.4643	3.4529	19.7398	-0.2409	1.00000
0.40	0.9831	2.4409	3.4240	19.2747	-0.0437	1.00000
0.60	0.9721	2.4207	3.3928	18.8079	0.1513	1.00000
0.80	0.9579	2.3992	3.3571	18.3402	0.3449	1.00000
1.00	0.9339	2.3605	3.2944	17.8660	0.5338	1.00000
1.20	0.9013	2.2995	3.2009	17.3779	0.7184	1.00000

T= 200						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	1.0000	2.4955	3.4955	38.0605	-7.1354	1.00000
-6.80	1.0000	2.4955	3.4955	37.6000	-6.9354	1.00000
-6.60	1.0000	2.4955	3.4955	37.1395	-6.7354	1.00000
-6.40	1.0000	2.4955	3.4955	36.6790	-6.5354	1.00000
-6.20	1.0000	2.4955	3.4955	36.2184	-6.3354	1.00000
-6.00	1.0000	2.4955	3.4955	35.7579	-6.1354	1.00000
-5.80	1.0000	2.4955	3.4955	35.2974	-5.9354	1.00000
-5.60	1.0000	2.4955	3.4955	34.8369	-5.7354	1.00000
-5.40	1.0000	2.4955	3.4955	34.3764	-5.5354	1.00000

T= 200						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.20	1.0000	2.4955	3.4955	33.9159	-5.3354	1.00000
-5.00	1.0000	2.4955	3.4955	33.4554	-5.1354	1.00000
-4.80	1.0000	2.4955	3.4955	32.9948	-4.9354	1.00000
-4.60	1.0000	2.4955	3.4955	32.5343	-4.7354	1.00000
-4.40	1.0000	2.4955	3.4955	32.0738	-4.5354	1.00000
-4.20	1.0000	2.4955	3.4955	31.6133	-4.3354	1.00000
-4.00	1.0000	2.4955	3.4955	31.1528	-4.1354	1.00000
-3.80	1.0000	2.4955	3.4955	30.6922	-3.9354	1.00000
-3.60	1.0000	2.4955	3.4955	30.2317	-3.7354	1.00000
-3.40	1.0000	2.4955	3.4955	29.7712	-3.5354	1.00000
-3.20	1.0000	2.4955	3.4955	29.3107	-3.3354	1.00000
-3.00	1.0000	2.4955	3.4955	28.8502	-3.1354	1.00000
-2.80	1.0000	2.4955	3.4955	28.3897	-2.9354	1.00000
-2.60	1.0000	2.4955	3.4955	27.9291	-2.7354	1.00000
-2.40	1.0000	2.4955	3.4955	27.4686	-2.5354	1.00000
-2.20	1.0000	2.4955	3.4955	27.0081	-2.3354	1.00000
-2.00	1.0000	2.4955	3.4955	26.5476	-2.1354	1.00000
-1.80	1.0000	2.4955	3.4954	26.0865	-1.9351	1.00000
-1.60	0.9999	2.4954	3.4953	25.6260	-1.7352	1.00000
-1.40	0.9999	2.4953	3.4952	25.1654	-1.5352	1.00000
-1.20	0.9998	2.4952	3.4950	24.7049	-1.3352	1.00000
-1.00	0.9998	2.4951	3.4949	24.2443	-1.1353	1.00000
-0.80	0.9997	2.4949	3.4946	23.7837	-0.9353	1.00000
-0.60	0.9995	2.4944	3.4939	23.3228	-0.7354	1.00000
-0.40	0.9993	2.4940	3.4933	22.8618	-0.5355	1.00000
-0.20	0.9990	2.4931	3.4921	22.4008	-0.3356	1.00000
0.0	0.9984	2.4909	3.4893	21.9368	-0.1359	1.00000
0.20	0.9975	2.4853	3.4828	21.4567	0.0637	1.00000
0.40	0.9963	2.4817	3.4780	20.9947	0.2630	1.00000
0.60	0.9941	2.4758	3.4698	20.5317	0.4620	1.00000
0.80	0.9902	2.4664	3.4566	20.0644	0.6604	1.00000
1.00	0.9846	2.4522	3.4368	19.5959	0.8579	1.00000
1.20	0.9754	2.4275	3.4029	19.1176	1.0538	1.00000
1.40	0.9620	2.3903	3.3524	18.6343	1.2478	1.00000
1.60	0.9422	2.3307	3.2728	18.1366	1.4387	1.00000
1.80	0.9138	2.2339	3.1477	17.6134	1.6255	1.00000
2.00	0.8768	2.0804	2.9571	17.0481	1.8075	1.00000
2.20	0.8446	1.8288	2.6734	16.4078	1.9913	1.00000
2.40	0.8655	1.4700	2.3355	15.6633	2.2019	1.00000
2.60	1.1625	0.8725	2.0350	14.6329	2.5298	1.00000
2.80	3.4768	0.0933	3.5701	12.9417	3.2039	1.00000

T= 300						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	1.0000	2.4990	3.4990	39.0749	-6.9593	1.00000
-6.80	1.0000	2.4990	3.4990	38.6143	-6.7593	1.00000
-6.60	1.0000	2.4990	3.4990	38.1538	-6.5593	1.00000
-6.40	1.0000	2.4990	3.4990	37.6933	-6.3593	1.00000
-6.20	1.0000	2.4990	3.4990	37.2328	-6.1593	1.00000
-6.00	1.0000	2.4990	3.4990	36.7723	-5.9593	1.00000
-5.80	1.0000	2.4990	3.4990	36.3118	-5.7593	1.00000
-5.60	1.0000	2.4990	3.4990	35.8512	-5.5593	1.00000
-5.40	1.0000	2.4990	3.4990	35.3907	-5.3593	1.00000
-5.20	1.0000	2.4990	3.4990	34.9302	-5.1593	1.00000

T= 300						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	2.4990	3.4990	34.4697	-4.9593	1.00000
-4.80	1.0000	2.4990	3.4990	34.0092	-4.7593	1.00000
-4.60	1.0000	2.4990	3.4990	33.5486	-4.5593	1.00000
-4.40	1.0000	2.4990	3.4990	33.0881	-4.3593	1.00000
-4.20	1.0000	2.4990	3.4990	32.6276	-4.1593	1.00000
-4.00	1.0000	2.4990	3.4990	32.1671	-3.9593	1.00000
-3.80	1.0000	2.4990	3.4990	31.7066	-3.7593	1.00000
-3.60	1.0000	2.4990	3.4990	31.2461	-3.5593	1.00000
-3.40	1.0000	2.4990	3.4990	30.7856	-3.3593	1.00000
-3.20	1.0000	2.4990	3.4990	30.3250	-3.1593	1.00000
-3.00	1.0000	2.4990	3.4990	29.8645	-2.9593	1.00000
-2.80	1.0000	2.4990	3.4990	29.4040	-2.7593	1.00000
-2.60	1.0000	2.4990	3.4990	28.9435	-2.5593	1.00000
-2.40	1.0000	2.4990	3.4990	28.4830	-2.3593	1.00000
-2.20	1.0000	2.4990	3.4990	28.0224	-2.1593	1.00000
-2.00	1.0000	2.4990	3.4990	27.5614	-1.9590	1.00000
-1.80	1.0000	2.4990	3.4990	27.1008	-1.7590	1.00000
-1.60	1.0000	2.4990	3.4990	26.6403	-1.5591	1.00000
-1.40	1.0000	2.4990	3.4990	26.1798	-1.3591	1.00000
-1.20	1.0000	2.4990	3.4990	25.7192	-1.1591	1.00000
-1.00	1.0000	2.4990	3.4990	25.2587	-0.9591	1.00000
-0.80	1.0000	2.4990	3.4990	24.7979	-0.7591	1.00000
-0.60	1.0000	2.4989	3.4989	24.3372	-0.5591	1.00000
-0.40	1.0000	2.4988	3.4988	23.8764	-0.3591	1.00000
-0.20	1.0000	2.4986	3.4986	23.4154	-0.1592	1.00000
0.0	1.0000	2.4973	3.4973	22.9220	0.0407	1.00000
0.20	0.9999	2.4953	3.4952	22.4595	0.2407	1.00000
0.40	0.9998	2.4925	3.4924	21.9962	0.4406	1.00000
0.60	0.9997	2.4888	3.4885	21.5321	0.6406	1.00000
0.80	0.9993	2.4832	3.4826	21.0663	0.8404	1.00000
1.00	0.9989	2.4743	3.4732	20.5972	1.0402	1.00000
1.20	0.9981	2.4606	3.4587	20.1237	1.2399	1.00000
1.40	0.9974	2.4397	3.4371	19.6434	1.4395	1.00000
1.60	0.9971	2.4071	3.4042	19.1515	1.6394	1.00000
1.80	0.9996	2.3566	3.3562	18.6414	1.8405	1.00000
2.00	1.0101	2.2779	3.2879	18.1005	2.0450	1.00000
2.20	1.0478	2.1555	3.2034	17.5060	2.2610	1.00000
2.40	1.1722	1.9676	3.1398	16.8128	2.5097	1.00000
2.60	1.6357	1.6807	3.3164	15.9032	2.8544	1.00000
2.80	3.8589	1.3227	5.1816	14.4150	3.4272	1.00000
3.00	14.3573	2.1595	16.5167	11.5630	4.1978	1.00000

T= 400						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	1.0000	2.5072	3.5072	39.7965	-6.8343	1.00000
-6.80	1.0000	2.5072	3.5072	39.3360	-6.6343	1.00000
-6.60	1.0000	2.5072	3.5072	38.8754	-6.4343	1.00000
-6.40	1.0000	2.5072	3.5072	38.4149	-6.2343	1.00000
-6.20	1.0000	2.5072	3.5072	37.9544	-6.0343	1.00000
-6.00	1.0000	2.5072	3.5072	37.4939	-5.8343	1.00000
-5.80	1.0000	2.5072	3.5072	37.0334	-5.6343	1.00000
-5.60	1.0000	2.5072	3.5072	36.5728	-5.4343	1.00000
-5.40	1.0000	2.5072	3.5072	36.1123	-5.2343	1.00000
-5.20	1.0000	2.5072	3.5072	35.6518	-5.0343	1.00000

T= 400						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	2.5072	3.5072	35.1913	-4.8343	1.00000
-4.80	1.0000	2.5072	3.5072	34.7308	-4.6343	1.00000
-4.60	1.0000	2.5072	3.5072	34.2703	-4.4343	1.00000
-4.40	1.0000	2.5072	3.5072	33.8098	-4.2343	1.00000
-4.20	1.0000	2.5072	3.5072	33.3492	-4.0343	1.00000
-4.00	1.0000	2.5072	3.5072	32.8887	-3.8343	1.00000
-3.80	1.0000	2.5072	3.5072	32.4282	-3.6343	1.00000
-3.60	1.0000	2.5072	3.5072	31.9677	-3.4343	1.00000
-3.40	1.0000	2.5072	3.5072	31.5072	-3.2343	1.00000
-3.20	1.0000	2.5072	3.5072	31.0466	-3.0343	1.00000
-3.00	1.0000	2.5072	3.5072	30.5861	-2.8343	1.00000
-2.80	1.0000	2.5072	3.5072	30.1256	-2.6343	1.00000
-2.60	1.0000	2.5072	3.5072	29.6651	-2.4343	1.00000
-2.40	1.0000	2.5072	3.5072	29.2046	-2.2343	1.00000
-2.20	1.0000	2.5072	3.5072	28.7441	-2.0343	1.00000
-2.00	1.0000	2.5072	3.5072	28.2836	-1.8344	1.00000
-1.80	1.0001	2.5071	3.5072	27.8230	-1.6343	1.00000
-1.60	1.0001	2.5071	3.5072	27.3623	-1.4343	1.00000
-1.40	1.0001	2.5070	3.5072	26.9016	-1.2342	1.00000
-1.20	1.0002	2.5070	3.5072	26.4410	-1.0342	1.00000
-1.00	1.0003	2.5069	3.5072	25.9803	-0.8341	1.00000
-0.80	1.0003	2.5068	3.5072	25.5196	-0.6341	1.00000
-0.60	1.0004	2.5067	3.5072	25.0589	-0.4341	1.00000
-0.40	1.0006	2.5066	3.5072	24.5981	-0.2341	1.00000
-0.20	1.0007	2.5063	3.5070	24.1073	-0.0340	1.00000
0.0	1.0009	2.5056	3.5065	23.6380	0.1660	1.00000
0.20	1.0012	2.5043	3.5055	23.1757	0.3662	1.00000
0.40	1.0016	2.5024	3.5040	22.7127	0.5663	1.00000
0.60	1.0022	2.4998	3.5020	22.2486	0.7666	1.00000
0.80	1.0033	2.4954	3.4987	21.7825	0.9671	1.00000
1.00	1.0050	2.4891	3.4940	21.3138	1.1678	1.00000
1.20	1.0078	2.4788	3.4866	20.8401	1.3690	1.00000
1.40	1.0125	2.4618	3.4743	20.3580	1.5710	1.00000
1.60	1.0209	2.4350	3.4559	19.8632	1.7746	1.00000
1.80	1.0367	2.3931	3.4297	19.3479	1.9813	1.00000
2.00	1.0686	2.3269	3.3955	18.7979	2.1945	1.00000
2.20	1.1396	2.2223	3.3619	18.1871	2.4224	1.00000
2.40	1.3145	2.0588	3.3733	17.4651	2.6844	1.00000
2.60	1.8488	1.8110	3.6598	16.5132	3.0325	1.00000
2.80	3.9582	1.5616	5.5198	15.0399	3.5631	1.00000
3.00	13.1139	2.5221	15.6360	12.5700	4.2834	1.00000

T= 500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	1.0000	2.5156	3.5156	40.3621	-6.7374	1.00000
-6.80	1.0000	2.5156	3.5156	39.9016	-6.5374	1.00000
-6.60	1.0000	2.5156	3.5156	39.4411	-6.3374	1.00000
-6.40	1.0000	2.5156	3.5156	38.9806	-6.1374	1.00000
-6.20	1.0000	2.5156	3.5156	38.5201	-5.9374	1.00000
-6.00	1.0000	2.5156	3.5156	38.0595	-5.7374	1.00000
-5.80	1.0000	2.5156	3.5156	37.5990	-5.5374	1.00000
-5.60	1.0000	2.5156	3.5156	37.1385	-5.3374	1.00000
-5.40	1.0000	2.5156	3.5156	36.6780	-5.1374	1.00000
-5.20	1.0000	2.5156	3.5156	36.2175	-4.9374	1.00000

T= 500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	2.5156	3.5156	35.7570	-4.7374	1.00000
-4.80	1.0000	2.5156	3.5156	35.2964	-4.5374	1.00000
-4.60	1.0000	2.5156	3.5156	34.8359	-4.3374	1.00000
-4.40	1.0000	2.5156	3.5156	34.3754	-4.1374	1.00000
-4.20	1.0000	2.5156	3.5156	33.9149	-3.9374	1.00000
-4.00	1.0000	2.5156	3.5156	33.4544	-3.7374	1.00000
-3.80	1.0000	2.5156	3.5156	32.9939	-3.5374	1.00000
-3.60	1.0000	2.5156	3.5156	32.5333	-3.3374	1.00000
-3.40	1.0000	2.5156	3.5156	32.0728	-3.1374	1.00000
-3.20	1.0000	2.5156	3.5156	31.6123	-2.9374	1.00000
-3.00	1.0000	2.5156	3.5156	31.1518	-2.7374	1.00000
-2.80	1.0000	2.5156	3.5156	30.6913	-2.5374	1.00000
-2.60	1.0000	2.5156	3.5156	30.2308	-2.3374	1.00000
-2.40	1.0000	2.5156	3.5156	29.7702	-2.1374	1.00000
-2.20	1.0000	2.5156	3.5156	29.3092	-1.9372	1.00000
-2.00	1.0001	2.5155	3.5156	28.8487	-1.7372	1.00000
-1.80	1.0001	2.5155	3.5156	28.3882	-1.5372	1.00000
-1.60	1.0001	2.5154	3.5156	27.9277	-1.3372	1.00000
-1.40	1.0002	2.5154	3.5156	27.4672	-1.1373	1.00000
-1.20	1.0002	2.5153	3.5156	27.0066	-0.9373	1.00000
-1.00	1.0004	2.5152	3.5156	26.5460	-0.7372	1.00000
-0.80	1.0005	2.5151	3.5155	26.0853	-0.5372	1.00000
-0.60	1.0006	2.5149	3.5155	25.6246	-0.3372	1.00000
-0.40	1.0007	2.5147	3.5154	25.1636	-0.1371	1.00000
-0.20	1.0010	2.5142	3.5152	24.6571	0.0630	1.00000
0.0	1.0013	2.5136	3.5149	24.1960	0.2631	1.00000
0.20	1.0017	2.5132	3.5149	23.7344	0.4633	1.00000
0.40	1.0024	2.5122	3.5146	23.2719	0.6636	1.00000
0.60	1.0035	2.5104	3.5139	22.8083	0.8641	1.00000
0.80	1.0054	2.5075	3.5129	22.3429	1.0649	1.00000
1.00	1.0077	2.5038	3.5115	21.8757	1.2659	1.00000
1.20	1.0131	2.4974	3.5105	21.4041	1.4682	1.00000
1.40	1.0210	2.4855	3.5065	20.9240	1.6716	1.00000
1.60	1.0343	2.4669	3.5012	20.4324	1.8772	1.00000
1.80	1.0575	2.4377	3.4953	19.9221	2.0868	1.00000
2.00	1.1014	2.3923	3.4937	19.3806	2.3045	1.00000
2.20	1.1904	2.3222	3.5126	18.7853	2.5383	1.00000
2.40	1.3912	2.2172	3.6084	18.0928	2.8059	1.00000
2.60	1.9529	2.0727	4.0255	17.2019	3.1532	1.00000
2.80	3.9365	1.9949	5.9314	15.8663	3.6577	1.00000
3.00	11.8585	3.0578	14.9162	13.7247	4.3366	1.00000

T= 600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	1.0000	2.5232	3.5232	40.8337	-6.6582	1.00000
-6.80	1.0000	2.5232	3.5232	40.3732	-6.4582	1.00000
-6.60	1.0000	2.5232	3.5232	39.9127	-6.2582	1.00000
-6.40	1.0000	2.5232	3.5232	39.4521	-6.0582	1.00000
-6.20	1.0000	2.5232	3.5232	38.9916	-5.8582	1.00000
-6.00	1.0000	2.5232	3.5232	38.5311	-5.6582	1.00000
-5.80	1.0000	2.5232	3.5232	38.0706	-5.4582	1.00000
-5.60	1.0000	2.5232	3.5232	37.6101	-5.2582	1.00000
-5.40	1.0000	2.5232	3.5232	37.1496	-5.0582	1.00000
-5.20	1.0000	2.5232	3.5232	36.6891	-4.8582	1.00000

T= 600						
LOG RHO	Z	F/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	2.5232	3.5232	36.2285	-4.6582	1.00000
-4.80	1.0000	2.5232	3.5232	35.7680	-4.4582	1.00000
-4.60	1.0000	2.5232	3.5232	35.3075	-4.2582	1.00000
-4.40	1.0000	2.5232	3.5232	34.8470	-4.0582	1.00000
-4.20	1.0000	2.5232	3.5232	34.3865	-3.8582	1.00000
-4.00	1.0000	2.5232	3.5232	33.9259	-3.6582	1.00000
-3.80	1.0000	2.5232	3.5232	33.4654	-3.4582	1.00000
-3.60	1.0000	2.5232	3.5232	33.0049	-3.2582	1.00000
-3.40	1.0000	2.5232	3.5232	32.5444	-3.0582	1.00000
-3.20	1.0000	2.5232	3.5232	32.0839	-2.8582	1.00000
-3.00	1.0000	2.5232	3.5232	31.6234	-2.6582	1.00000
-2.80	1.0000	2.5232	3.5232	31.1629	-2.4582	1.00000
-2.60	1.0000	2.5232	3.5232	30.7023	-2.2582	1.00000
-2.40	1.0000	2.5232	3.5232	30.2418	-2.0582	1.00000
-2.20	1.0000	2.5232	3.5232	29.7807	-1.8580	1.00000
-2.00	1.0001	2.5231	3.5232	29.3202	-1.6580	1.00000
-1.80	1.0001	2.5231	3.5232	28.8597	-1.4580	1.00000
-1.60	1.0002	2.5231	3.5232	28.3992	-1.2580	1.00000
-1.40	1.0002	2.5230	3.5232	27.9387	-1.0580	1.00000
-1.20	1.0003	2.5229	3.5232	27.4781	-0.8580	1.00000
-1.00	1.0004	2.5228	3.5232	27.0175	-0.6580	1.00000
-0.80	1.0005	2.5227	3.5232	26.5569	-0.4580	1.00000
-0.60	1.0006	2.5226	3.5232	26.0962	-0.2580	1.00000
-0.40	1.0008	2.5224	3.5232	25.5994	-0.0579	1.00000
-0.20	1.0011	2.5221	3.5232	25.1166	0.1422	1.00000
0.0	1.0013	2.5217	3.5230	24.6550	0.3423	1.00000
0.20	1.0019	2.5216	3.5235	24.1937	0.5425	1.00000
0.40	1.0029	2.5210	3.5239	23.7315	0.7430	1.00000
0.60	1.0043	2.5196	3.5239	23.2680	0.9436	1.00000
0.80	1.0066	2.5175	3.5241	22.8028	1.1446	1.00000
1.00	1.0092	2.5147	3.5239	22.3360	1.3457	1.00000
1.20	1.0164	2.5096	3.5260	21.8646	1.5488	1.00000
1.40	1.0263	2.5003	3.5266	21.3851	1.7530	1.00000
1.60	1.0426	2.4856	3.5282	20.8943	1.9598	1.00000
1.80	1.0705	2.4623	3.5328	20.3851	2.1713	1.00000
2.00	1.1216	2.4261	3.5477	19.8454	2.3916	1.00000
2.20	1.2212	2.3705	3.5916	19.2529	2.6285	1.00000
2.40	1.4360	2.2882	3.7242	18.5659	2.8989	1.00000
2.60	2.0050	2.1829	4.1879	17.6910	3.2439	1.00000
2.80	3.8679	2.1808	6.0487	16.4233	3.7292	1.00000
3.00	10.7661	3.3025	14.0686	14.5403	4.3738	1.00000

T= 700						
LOG RHO	Z	F/RT	H/RT	S/R	LOG P	Z*
-7.00	1.0000	2.5310	3.5310	41.2435	-6.5913	1.00000
-6.80	1.0000	2.5310	3.5310	40.7830	-6.3913	1.00000
-6.60	1.0000	2.5310	3.5310	40.3225	-6.1913	1.00000
-6.40	1.0000	2.5310	3.5310	39.8620	-5.9913	1.00000
-6.20	1.0000	2.5310	3.5310	39.4015	-5.7913	1.00000
-6.00	1.0000	2.5310	3.5310	38.9410	-5.5913	1.00000
-5.80	1.0000	2.5310	3.5310	38.4805	-5.3913	1.00000
-5.60	1.0000	2.5310	3.5310	38.0199	-5.1913	1.00000
-5.40	1.0000	2.5310	3.5310	37.5594	-4.9913	1.00000
-5.20	1.0000	2.5310	3.5310	37.0989	-4.7913	1.00000

T= 700						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	2.5310	3.5310	36.6384	-4.5913	1.00000
-4.80	1.0000	2.5310	3.5310	36.1779	-4.3913	1.00000
-4.60	1.0000	2.5310	3.5310	35.7173	-4.1913	1.00000
-4.40	1.0000	2.5310	3.5310	35.2568	-3.9913	1.00000
-4.20	1.0000	2.5310	3.5310	34.7963	-3.7913	1.00000
-4.00	1.0000	2.5310	3.5310	34.3358	-3.5913	1.00000
-3.80	1.0000	2.5310	3.5310	33.8753	-3.3913	1.00000
-3.60	1.0000	2.5310	3.5310	33.4148	-3.1913	1.00000
-3.40	1.0000	2.5310	3.5310	32.9543	-2.9913	1.00000
-3.20	1.0000	2.5310	3.5310	32.4937	-2.7913	1.00000
-3.00	1.0000	2.5310	3.5310	32.0332	-2.5913	1.00000
-2.80	1.0000	2.5310	3.5310	31.5727	-2.3913	1.00000
-2.60	1.0000	2.5310	3.5310	31.1122	-2.1913	1.00000
-2.40	1.0000	2.5310	3.5310	30.6511	-1.9911	1.00000
-2.20	1.0000	2.5309	3.5310	30.1906	-1.7911	1.00000
-2.00	1.0001	2.5309	3.5310	29.7301	-1.5911	1.00000
-1.80	1.0001	2.5309	3.5310	29.2696	-1.3911	1.00000
-1.60	1.0002	2.5308	3.5310	28.8090	-1.1911	1.00000
-1.40	1.0002	2.5308	3.5310	28.3485	-0.9911	1.00000
-1.20	1.0003	2.5307	3.5310	27.8879	-0.7911	1.00000
-1.00	1.0004	2.5306	3.5310	27.4274	-0.5910	1.00000
-0.80	1.0005	2.5305	3.5310	26.9668	-0.3910	1.00000
-0.60	1.0007	2.5303	3.5310	26.5061	-0.1910	1.00000
-0.40	1.0009	2.5301	3.5310	25.9672	0.0091	1.00000
-0.20	1.0012	2.5298	3.5310	25.5058	0.2092	1.00000
0.0	1.0013	2.5295	3.5308	25.0460	0.4092	1.00000
0.20	1.0020	2.5294	3.5313	24.5846	0.6095	1.00000
0.40	1.0031	2.5291	3.5322	24.1227	0.8100	1.00000
0.60	1.0048	2.5285	3.5333	23.6598	1.0108	1.00000
0.80	1.0073	2.5268	3.5341	23.1948	1.2118	1.00000
1.00	1.0102	2.5245	3.5347	22.7281	1.4131	1.00000
1.20	1.0185	2.5206	3.5391	22.2572	1.6166	1.00000
1.40	1.0297	2.5135	3.5432	21.7787	1.8214	1.00000
1.60	1.0480	2.5021	3.5501	21.2892	2.0290	1.00000
1.80	1.0789	2.4842	3.5631	20.7822	2.2417	1.00000
2.00	1.1347	2.4565	3.5912	20.2461	2.4636	1.00000
2.20	1.2407	2.4148	3.6555	19.6602	2.7024	1.00000
2.40	1.4631	2.3558	3.8188	18.9855	2.9739	1.00000
2.60	2.0295	2.2913	4.3208	18.1386	3.3161	1.00000
2.80	3.7805	2.3570	6.1375	16.9438	3.7862	1.00000
3.00	9.8528	3.4926	13.3454	15.2493	4.4022	1.00000

T= 800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	1.0000	2.5655	3.5655	41.6093	-6.5333	1.00000
-6.80	1.0000	2.5655	3.5655	41.1488	-6.3333	1.00000
-6.60	1.0000	2.5655	3.5655	40.6883	-6.1333	1.00000
-6.40	1.0000	2.5655	3.5655	40.2278	-5.9333	1.00000
-6.20	1.0000	2.5655	3.5655	39.7673	-5.7333	1.00000
-6.00	1.0000	2.5655	3.5655	39.3067	-5.5333	1.00000
-5.80	1.0000	2.5655	3.5655	38.8462	-5.3333	1.00000
-5.60	1.0000	2.5655	3.5655	38.3857	-5.1333	1.00000
-5.40	1.0000	2.5655	3.5655	37.9252	-4.9333	1.00000
-5.20	1.0000	2.5655	3.5655	37.4647	-4.7333	1.00000

T= 800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	2.5655	3.5655	37.0042	-4.5333	1.00000
-4.80	1.0000	2.5655	3.5655	36.5436	-4.3333	1.00000
-4.60	1.0000	2.5655	3.5655	36.0831	-4.1333	1.00000
-4.40	1.0000	2.5655	3.5655	35.6226	-3.9333	1.00000
-4.20	1.0000	2.5655	3.5655	35.1621	-3.7333	1.00000
-4.00	1.0000	2.5655	3.5655	34.7016	-3.5333	1.00000
-3.80	1.0000	2.5655	3.5655	34.2411	-3.3333	1.00000
-3.60	1.0000	2.5655	3.5655	33.7805	-3.1333	1.00000
-3.40	1.0000	2.5655	3.5655	33.3200	-2.9333	1.00000
-3.20	1.0000	2.5655	3.5655	32.8595	-2.7333	1.00000
-3.00	1.0000	2.5655	3.5655	32.3990	-2.5333	1.00000
-2.80	1.0000	2.5655	3.5655	31.9385	-2.3333	1.00000
-2.60	1.0000	2.5655	3.5655	31.4780	-2.1333	1.00000
-2.40	1.0000	2.5655	3.5655	31.0162	-1.9328	1.00000
-2.20	1.0001	2.5655	3.5655	30.5559	-1.7329	1.00000
-2.00	1.0001	2.5654	3.5655	30.0955	-1.5329	1.00000
-1.80	1.0001	2.5654	3.5655	29.6352	-1.3330	1.00000
-1.60	1.0002	2.5653	3.5655	29.1748	-1.1331	1.00000
-1.40	1.0002	2.5653	3.5655	28.7144	-0.9331	1.00000
-1.20	1.0003	2.5652	3.5655	28.2538	-0.7331	1.00000
-1.00	1.0004	2.5651	3.5656	27.7932	-0.5331	1.00000
-0.80	1.0006	2.5650	3.5656	27.3326	-0.3331	1.00000
-0.60	1.0007	2.5650	3.5657	26.8719	-0.1330	1.00000
-0.40	1.0009	2.5648	3.5657	26.4110	0.0671	1.00000
-0.20	1.0012	2.5646	3.5659	25.9497	0.2674	1.00000
0.0	1.0013	2.5644	3.5657	25.4890	0.4672	1.00000
0.20	1.0020	2.5643	3.5663	25.0276	0.6675	1.00000
0.40	1.0032	2.5640	3.5672	24.5657	0.8681	1.00000
0.60	1.0050	2.5636	3.5687	24.1029	1.0688	1.00000
0.80	1.0079	2.5625	3.5704	23.6383	1.2701	1.00000
1.00	1.0109	2.5605	3.5714	23.1715	1.4714	1.00000
1.20	1.0198	2.5573	3.5771	22.7009	1.6752	1.00000
1.40	1.0320	2.5517	3.5837	22.2231	1.8803	1.00000
1.60	1.0517	2.5427	3.5944	21.7346	2.0886	1.00000
1.80	1.0847	2.5285	3.6132	21.2292	2.3020	1.00000
2.00	1.1435	2.5067	3.6501	20.6956	2.5249	1.00000
2.20	1.2535	2.4744	3.7280	20.1142	2.7648	1.00000
2.40	1.4796	2.4309	3.9105	19.4482	3.0368	1.00000
2.60	2.0383	2.3932	4.4314	18.6212	3.3759	1.00000
2.80	3.6875	2.5033	6.1908	17.4827	3.8334	1.00000
3.00	9.0996	3.6268	12.7264	15.9270	4.4257	1.00000

T= 900						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	1.0000	2.5938	3.5938	41.9413	-6.4822	1.00000
-6.80	1.0000	2.5938	3.5938	41.4808	-6.2822	1.00000
-6.60	1.0000	2.5938	3.5938	41.0203	-6.0822	1.00000
-6.40	1.0000	2.5938	3.5938	40.5598	-5.8822	1.00000
-6.20	1.0000	2.5938	3.5938	40.0993	-5.6822	1.00000
-6.00	1.0000	2.5938	3.5938	39.6387	-5.4822	1.00000
-5.80	1.0000	2.5938	3.5938	39.1782	-5.2822	1.00000
-5.60	1.0000	2.5938	3.5938	38.7177	-5.0822	1.00000
-5.40	1.0000	2.5938	3.5938	38.2572	-4.8822	1.00000
-5.20	1.0000	2.5938	3.5938	37.7967	-4.6822	1.00000

T= 900						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	2.5938	3.5938	37.3362	-4.4822	1.00000
-4.80	1.0000	2.5938	3.5938	36.8757	-4.2822	1.00000
-4.60	1.0000	2.5938	3.5938	36.4151	-4.0822	1.00000
-4.40	1.0000	2.5938	3.5938	35.9546	-3.8822	1.00000
-4.20	1.0000	2.5938	3.5938	35.4941	-3.6822	1.00000
-4.00	1.0000	2.5938	3.5938	35.0336	-3.4822	1.00000
-3.80	1.0000	2.5938	3.5938	34.5731	-3.2822	1.00000
-3.60	1.0000	2.5938	3.5938	34.1125	-3.0822	1.00000
-3.40	1.0000	2.5938	3.5938	33.6520	-2.8822	1.00000
-3.20	1.0000	2.5938	3.5938	33.1915	-2.6822	1.00000
-3.00	1.0000	2.5938	3.5938	32.7310	-2.4822	1.00000
-2.80	1.0000	2.5938	3.5938	32.2705	-2.2822	1.00000
-2.60	1.0000	2.5938	3.5938	31.8100	-2.0822	1.00000
-2.40	1.0000	2.5938	3.5938	31.3480	-1.8815	1.00000
-2.20	1.0001	2.5938	3.5938	30.8877	-1.6816	1.00000
-2.00	1.0001	2.5937	3.5938	30.4274	-1.4817	1.00000
-1.80	1.0001	2.5937	3.5938	29.9672	-1.2818	1.00000
-1.60	1.0002	2.5936	3.5938	29.5069	-1.0820	1.00000
-1.40	1.0003	2.5936	3.5939	29.0464	-0.8820	1.00000
-1.20	1.0004	2.5935	3.5939	28.5858	-0.6820	1.00000
-1.00	1.0004	2.5935	3.5939	28.1252	-0.4819	1.00000
-0.80	1.0006	2.5934	3.5940	27.6646	-0.2819	1.00000
-0.60	1.0007	2.5933	3.5940	27.2039	-0.0818	1.00000
-0.40	1.0010	2.5932	3.5941	26.7429	0.1183	1.00000
-0.20	1.0013	2.5930	3.5943	26.2817	0.3185	1.00000
0.0	1.0013	2.5928	3.5941	25.8210	0.5184	1.00000
0.20	1.0020	2.5927	3.5947	25.3596	0.7187	1.00000
0.40	1.0033	2.5925	3.5958	24.8977	0.9192	1.00000
0.60	1.0052	2.5921	3.5973	24.4349	1.1201	1.00000
0.80	1.0082	2.5915	3.5998	23.9707	1.3214	1.00000
1.00	1.0115	2.5902	3.6017	23.5045	1.5228	1.00000
1.20	1.0208	2.5875	3.6084	23.0341	1.7268	1.00000
1.40	1.0336	2.5832	3.6168	22.5568	1.9322	1.00000
1.60	1.0543	2.5761	3.6304	22.0694	2.1408	1.00000
1.80	1.0887	2.5649	3.6536	21.5654	2.3547	1.00000
2.00	1.1495	2.5479	3.6973	21.0344	2.5783	1.00000
2.20	1.2620	2.5235	3.7855	20.4575	2.8199	1.00000
2.40	1.4995	2.4928	3.9823	19.8000	3.0909	1.00000
2.60	2.0376	2.4771	4.5148	18.9920	3.4269	1.00000
2.80	3.5952	2.6211	6.2164	17.9024	3.8735	1.00000
3.00	8.4753	3.7160	12.1913	16.4488	4.4460	1.00000

T= 1000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	1.0000	2.6218	3.6218	42.2466	-6.4362	1.00000
-6.80	1.0000	2.6218	3.6218	41.7861	-6.2362	1.00000
-6.60	1.0000	2.6218	3.6218	41.3256	-6.0362	1.00000
-6.40	1.0000	2.6218	3.6218	40.8651	-5.8362	1.00000
-6.20	1.0000	2.6218	3.6218	40.4045	-5.6362	1.00000
-6.00	1.0000	2.6218	3.6218	39.9440	-5.4362	1.00000
-5.80	1.0000	2.6218	3.6218	39.4835	-5.2362	1.00000
-5.60	1.0000	2.6218	3.6218	39.0230	-5.0362	1.00000
-5.40	1.0000	2.6218	3.6218	38.5625	-4.8362	1.00000
-5.20	1.0000	2.6218	3.6218	38.1020	-4.6362	1.00000

T= 1000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	2.6218	3.6218	37.6414	-4.4362	1.00000
-4.80	1.0000	2.6218	3.6218	37.1809	-4.2362	1.00000
-4.60	1.0000	2.6218	3.6218	36.7204	-4.0362	1.00000
-4.40	1.0000	2.6218	3.6218	36.2599	-3.8362	1.00000
-4.20	1.0000	2.6218	3.6218	35.7994	-3.6362	1.00000
-4.00	1.0000	2.6218	3.6218	35.3389	-3.4362	1.00000
-3.80	1.0000	2.6218	3.6218	34.8783	-3.2362	1.00000
-3.60	1.0000	2.6218	3.6218	34.4178	-3.0362	1.00000
-3.40	1.0000	2.6218	3.6218	33.9573	-2.8362	1.00000
-3.20	1.0000	2.6218	3.6218	33.4968	-2.6362	1.00000
-3.00	1.0000	2.6218	3.6218	33.0363	-2.4362	1.00000
-2.80	1.0000	2.6218	3.6218	32.5757	-2.2362	1.00000
-2.60	1.0000	2.6218	3.6218	32.1152	-2.0362	1.00000
-2.40	1.0000	2.6218	3.6218	31.6547	-1.8362	1.00000
-2.20	1.0000	2.6218	3.6218	31.1942	-1.6362	1.00000
-2.00	1.0000	2.6218	3.6218	30.7337	-1.4362	1.00000
-1.80	1.0000	2.6218	3.6218	30.2731	-1.2362	1.00000
-1.60	1.0000	2.6218	3.6218	29.8126	-1.0362	1.00000
-1.40	1.0000	2.6218	3.6218	29.3521	-0.8362	1.00000
-1.20	1.0001	2.6218	3.6219	28.8915	-0.6362	1.00000
-1.00	1.0001	2.6218	3.6219	28.4309	-0.4362	1.00000
-0.80	1.0002	2.6218	3.6220	27.9703	-0.2361	1.00000
-0.60	1.0003	2.6218	3.6221	27.5097	-0.0361	1.00000
-0.40	1.0005	2.6217	3.6223	27.0489	0.1640	1.00000
-0.20	1.0008	2.6217	3.6225	26.5881	0.3641	1.00000
0.0	1.0013	2.6216	3.6229	26.1270	0.5642	1.00000
0.20	1.0021	2.6215	3.6236	25.6656	0.7645	1.00000
0.40	1.0033	2.6213	3.6246	25.2037	0.9650	1.00000
0.60	1.0053	2.6210	3.6263	24.7409	1.1659	1.00000
0.80	1.0084	2.6206	3.6289	24.2768	1.3672	1.00000
1.00	1.0119	2.6194	3.6313	23.8105	1.5687	1.00000
1.20	1.0215	2.6171	3.6386	23.3403	1.7728	1.00000
1.40	1.0347	2.6137	3.6485	22.8636	1.9784	1.00000
1.60	1.0561	2.6081	3.6642	22.3770	2.1873	1.00000
1.80	1.0915	2.5992	3.6907	21.8743	2.4016	1.00000
2.00	1.1536	2.5860	3.7396	21.3455	2.6256	1.00000
2.20	1.2676	2.5676	3.8352	20.7724	2.8665	1.00000
2.40	1.4951	2.5468	4.0419	20.1221	3.1382	1.00000
2.60	2.0313	2.5480	4.5793	19.3301	3.4714	1.00000
2.80	3.5070	2.7160	6.2230	18.2810	3.9085	1.00000
3.00	7.9561	3.7732	11.7293	16.9031	4.4643	1.00000

T= 1100						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	1.0000	2.6521	3.6521	42.5282	-6.3948	1.00000
-6.80	1.0000	2.6521	3.6521	42.0677	-6.1948	1.00000
-6.60	1.0000	2.6521	3.6521	41.6072	-5.9948	1.00000
-6.40	1.0000	2.6521	3.6521	41.1467	-5.7948	1.00000
-6.20	1.0000	2.6521	3.6521	40.6862	-5.5948	1.00000
-6.00	1.0000	2.6521	3.6521	40.2256	-5.3948	1.00000
-5.80	1.0000	2.6521	3.6521	39.7651	-5.1948	1.00000
-5.60	1.0000	2.6521	3.6521	39.3046	-4.9948	1.00000
-5.40	1.0000	2.6521	3.6521	38.8441	-4.7948	1.00000
-5.20	1.0000	2.6521	3.6521	38.3836	-4.5948	1.00000

T= 1100						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	2.6521	3.6521	37.9230	-4.3948	1.00000
-4.80	1.0000	2.6521	3.6521	37.4625	-4.1948	1.00000
-4.60	1.0000	2.6521	3.6521	37.0020	-3.9948	1.00000
-4.40	1.0000	2.6521	3.6521	36.5415	-3.7948	1.00000
-4.20	1.0000	2.6521	3.6521	36.0810	-3.5948	1.00000
-4.00	1.0000	2.6521	3.6521	35.6205	-3.3948	1.00000
-3.80	1.0000	2.6521	3.6521	35.1600	-3.1948	1.00000
-3.60	1.0000	2.6521	3.6521	34.6994	-2.9948	1.00000
-3.40	1.0000	2.6521	3.6521	34.2389	-2.7948	1.00000
-3.20	1.0000	2.6521	3.6521	33.7784	-2.5948	1.00000
-3.00	1.0000	2.6521	3.6521	33.3179	-2.3948	1.00000
-2.80	1.0000	2.6521	3.6521	32.8574	-2.1948	1.00000
-2.60	1.0000	2.6521	3.6521	32.3968	-1.9948	1.00000
-2.40	1.0000	2.6521	3.6521	31.9363	-1.7948	1.00000
-2.20	1.0000	2.6521	3.6521	31.4758	-1.5948	1.00000
-2.00	1.0000	2.6521	3.6521	31.0153	-1.3948	1.00000
-1.80	1.0000	2.6521	3.6521	30.5548	-1.1948	1.00000
-1.60	1.0000	2.6521	3.6521	30.0942	-0.9948	1.00000
-1.40	1.0000	2.6521	3.6522	29.6337	-0.7948	1.00000
-1.20	1.0001	2.6521	3.6522	29.1731	-0.5948	1.00000
-1.00	1.0001	2.6521	3.6522	28.7126	-0.3948	1.00000
-0.80	1.0002	2.6521	3.6523	28.2520	-0.1947	1.00000
-0.60	1.0003	2.6521	3.6524	27.7913	0.0053	1.00000
-0.40	1.0005	2.6520	3.6526	27.3306	0.2054	1.00000
-0.20	1.0008	2.6520	3.6528	26.8697	0.4055	1.00000
0.0	1.0013	2.6519	3.6533	26.4086	0.6055	1.00000
0.20	1.0021	2.6518	3.6539	25.9472	0.8059	1.00000
0.40	1.0034	2.6517	3.6550	25.4853	1.0064	1.00000
0.60	1.0053	2.6514	3.6567	25.0225	1.2073	1.00000
0.80	1.0085	2.6510	3.6595	24.5585	1.4086	1.00000
1.00	1.0123	2.6500	3.6623	24.0922	1.6103	1.00000
1.20	1.0220	2.6481	3.6701	23.6221	1.8144	1.00000
1.40	1.0356	2.6454	3.6810	23.1459	2.0201	1.00000
1.60	1.0574	2.6410	3.6984	22.6600	2.2292	1.00000
1.80	1.0935	2.6341	3.7276	22.1586	2.4438	1.00000
2.00	1.1565	2.6239	3.7804	21.6317	2.6681	1.00000
2.20	1.2712	2.6107	3.8818	21.0622	2.9092	1.00000
2.40	1.4977	2.5981	4.0958	20.4185	3.1804	1.00000
2.60	2.0216	2.6129	4.6346	19.6409	3.5107	1.00000
2.80	3.4237	2.7985	6.2222	18.6262	3.9395	1.00000
3.00	7.5204	3.8137	11.3341	17.3053	4.4812	1.00000

T= 1200						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	1.0000	2.6824	3.6824	42.7905	-6.3570	1.00000
-6.80	1.0000	2.6824	3.6824	42.3300	-6.1570	1.00000
-6.60	1.0000	2.6824	3.6824	41.8695	-5.9570	1.00000
-6.40	1.0000	2.6824	3.6824	41.4090	-5.7570	1.00000
-6.20	1.0000	2.6824	3.6824	40.9485	-5.5570	1.00000
-6.00	1.0000	2.6824	3.6824	40.4879	-5.3570	1.00000
-5.80	1.0000	2.6824	3.6824	40.0274	-5.1570	1.00000
-5.60	1.0000	2.6824	3.6824	39.5669	-4.9570	1.00000
-5.40	1.0000	2.6824	3.6824	39.1064	-4.7570	1.00000
-5.20	1.0000	2.6824	3.6824	38.6459	-4.5570	1.00000

T= 1200						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	2.6824	3.6824	38.1854	-4.3570	1.00000
-4.80	1.0000	2.6824	3.6824	37.7248	-4.1570	1.00000
-4.60	1.0000	2.6824	3.6824	37.2643	-3.9570	1.00000
-4.40	1.0000	2.6824	3.6824	36.8038	-3.7570	1.00000
-4.20	1.0000	2.6824	3.6824	36.3433	-3.5570	1.00000
-4.00	1.0000	2.6824	3.6824	35.8828	-3.3570	1.00000
-3.80	1.0000	2.6824	3.6824	35.4223	-3.1570	1.00000
-3.60	1.0000	2.6824	3.6824	34.9617	-2.9570	1.00000
-3.40	1.0000	2.6824	3.6824	34.5012	-2.7570	1.00000
-3.20	1.0000	2.6824	3.6824	34.0407	-2.5570	1.00000
-3.00	1.0000	2.6824	3.6824	33.5802	-2.3570	1.00000
-2.80	1.0000	2.6824	3.6824	33.1197	-2.1570	1.00000
-2.60	1.0000	2.6824	3.6824	32.6591	-1.9570	1.00000
-2.40	1.0000	2.6824	3.6824	32.1986	-1.7570	1.00000
-2.20	1.0000	2.6824	3.6824	31.7381	-1.5570	1.00000
-2.00	1.0000	2.6824	3.6824	31.2776	-1.3570	1.00000
-1.80	1.0000	2.6824	3.6824	30.8171	-1.1570	1.00000
-1.60	1.0000	2.6824	3.6824	30.3565	-0.9570	1.00000
-1.40	1.0000	2.6824	3.6824	29.8960	-0.7570	1.00000
-1.20	1.0001	2.6823	3.6824	29.4354	-0.5570	1.00000
-1.00	1.0001	2.6823	3.6825	28.9749	-0.3570	1.00000
-0.80	1.0002	2.6823	3.6825	28.5143	-0.1569	1.00000
-0.60	1.0003	2.6823	3.6827	28.0536	0.0431	1.00000
-0.40	1.0005	2.6823	3.6828	27.5929	0.2432	1.00000
-0.20	1.0008	2.6822	3.6831	27.1320	0.4433	1.00000
0.0	1.0013	2.6822	3.6835	26.6709	0.6433	1.00000
0.20	1.0021	2.6821	3.6842	26.2095	0.8437	1.00000
0.40	1.0034	2.6819	3.6853	25.7476	1.0442	1.00000
0.60	1.0054	2.6816	3.6870	25.2848	1.2451	1.00000
0.80	1.0086	2.6813	3.6899	24.8207	1.4465	1.00000
1.00	1.0126	2.6803	3.6929	24.3544	1.6482	1.00000
1.20	1.0223	2.6787	3.7010	23.8845	1.8523	1.00000
1.40	1.0361	2.6766	3.7128	23.4086	2.0582	1.00000
1.60	1.0583	2.6732	3.7315	22.9234	2.2674	1.00000
1.80	1.0949	2.6679	3.7628	22.4230	2.4821	1.00000
2.00	1.1584	2.6603	3.8187	21.8980	2.7066	1.00000
2.20	1.2733	2.6512	3.9245	21.3316	2.9477	1.00000
2.40	1.4983	2.6454	4.1437	20.6939	3.2184	1.00000
2.60	2.0099	2.6710	4.6809	19.9289	3.5459	1.00000
2.80	3.3463	2.8688	6.2152	18.9432	3.9673	1.00000
3.00	7.1510	3.8407	10.9917	17.6654	4.4971	1.00000

T= 1300						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	1.0000	2.7120	3.7120	43.0360	-6.3223	1.00000
-6.80	1.0000	2.7120	3.7120	42.5755	-6.1223	1.00000
-6.60	1.0000	2.7120	3.7120	42.1150	-5.9223	1.00000
-6.40	1.0000	2.7120	3.7120	41.6545	-5.7223	1.00000
-6.20	1.0000	2.7120	3.7120	41.1940	-5.5223	1.00000
-6.00	1.0000	2.7120	3.7120	40.7334	-5.3223	1.00000
-5.80	1.0000	2.7120	3.7120	40.2729	-5.1223	1.00000
-5.60	1.0000	2.7120	3.7120	39.8124	-4.9223	1.00000
-5.40	1.0000	2.7120	3.7120	39.3519	-4.7223	1.00000
-5.20	1.0000	2.7120	3.7120	38.8914	-4.5223	1.00000

T= 1300						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	2.7120	3.7120	38.4308	-4.3223	1.00000
-4.80	1.0000	2.7120	3.7120	37.9703	-4.1223	1.00000
-4.60	1.0000	2.7120	3.7120	37.5098	-3.9223	1.00000
-4.40	1.0000	2.7120	3.7120	37.0493	-3.7223	1.00000
-4.20	1.0000	2.7120	3.7120	36.5888	-3.5223	1.00000
-4.00	1.0000	2.7120	3.7120	36.1283	-3.3223	1.00000
-3.80	1.0000	2.7120	3.7120	35.6678	-3.1223	1.00000
-3.60	1.0000	2.7120	3.7120	35.2072	-2.9223	1.00000
-3.40	1.0000	2.7120	3.7120	34.7467	-2.7223	1.00000
-3.20	1.0000	2.7120	3.7120	34.2862	-2.5223	1.00000
-3.00	1.0000	2.7120	3.7120	33.8257	-2.3223	1.00000
-2.80	1.0000	2.7120	3.7120	33.3652	-2.1223	1.00000
-2.60	1.0000	2.7120	3.7120	32.9046	-1.9223	1.00000
-2.40	1.0000	2.7120	3.7120	32.4441	-1.7223	1.00000
-2.20	1.0000	2.7120	3.7120	31.9836	-1.5223	1.00000
-2.00	1.0000	2.7120	3.7120	31.5231	-1.3223	1.00000
-1.80	1.0000	2.7120	3.7120	31.0625	-1.1223	1.00000
-1.60	1.0000	2.7120	3.7120	30.6020	-0.9223	1.00000
-1.40	1.0000	2.7120	3.7120	30.1415	-0.7223	1.00000
-1.20	1.0001	2.7120	3.7120	29.6809	-0.5222	1.00000
-1.00	1.0001	2.7120	3.7121	29.2204	-0.3222	1.00000
-0.80	1.0002	2.7119	3.7122	28.7598	-0.1222	1.00000
-0.60	1.0003	2.7119	3.7123	28.2991	0.0779	1.00000
-0.40	1.0005	2.7119	3.7124	27.8383	0.2780	1.00000
-0.20	1.0009	2.7119	3.7127	27.3775	0.4781	1.00000
0.0	1.0014	2.7118	3.7132	26.9164	0.6781	1.00000
0.20	1.0022	2.7117	3.7138	26.4550	0.8785	1.00000
0.40	1.0034	2.7115	3.7150	25.9930	1.0790	1.00000
0.60	1.0054	2.7113	3.7167	25.5302	1.2799	1.00000
0.80	1.0087	2.7109	3.7196	25.0661	1.4813	1.00000
1.00	1.0129	2.7099	3.7228	24.5998	1.6831	1.00000
1.20	1.0226	2.7085	3.7311	24.1300	1.8872	1.00000
1.40	1.0365	2.7069	3.7435	23.6544	2.0931	1.00000
1.60	1.0590	2.7043	3.7633	23.1697	2.3024	1.00000
1.80	1.0959	2.7003	3.7962	22.6703	2.5173	1.00000
2.00	1.1597	2.6948	3.8545	22.1468	2.7419	1.00000
2.20	1.2745	2.6890	3.9635	21.5832	2.9829	1.00000
2.40	1.4975	2.6885	4.1861	20.9506	3.2529	1.00000
2.60	1.9971	2.7226	4.7197	20.1964	3.5779	1.00000
2.80	3.2746	2.9284	6.2029	19.2348	3.9927	1.00000
3.00	6.8352	3.8568	10.6920	17.9897	4.5123	1.00000

T= 1400						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	1.0000	2.7406	3.7406	43.2667	-6.2901	1.00000
-6.80	1.0000	2.7406	3.7406	42.8062	-6.0901	1.00000
-6.60	1.0000	2.7406	3.7406	42.3457	-5.8901	1.00000
-6.40	1.0000	2.7406	3.7406	41.8851	-5.6901	1.00000
-6.20	1.0000	2.7406	3.7406	41.4246	-5.4901	1.00000
-6.00	1.0000	2.7406	3.7406	40.9641	-5.2901	1.00000
-5.80	1.0000	2.7406	3.7406	40.5036	-5.0901	1.00000
-5.60	1.0000	2.7406	3.7406	40.0431	-4.8901	1.00000
-5.40	1.0000	2.7406	3.7406	39.5826	-4.6901	1.00000
-5.20	1.0000	2.7406	3.7406	39.1220	-4.4901	1.00000

T= 1400						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	2.7406	3.7406	38.6615	-4.2901	1.00000
-4.80	1.0000	2.7406	3.7406	38.2010	-4.0901	1.00000
-4.60	1.0000	2.7406	3.7406	37.7405	-3.8901	1.00000
-4.40	1.0000	2.7406	3.7406	37.2800	-3.6901	1.00000
-4.20	1.0000	2.7406	3.7406	36.8195	-3.4901	1.00000
-4.00	1.0000	2.7406	3.7406	36.3589	-3.2901	1.00000
-3.80	1.0000	2.7406	3.7406	35.8984	-3.0901	1.00000
-3.60	1.0000	2.7406	3.7406	35.4379	-2.8901	1.00000
-3.40	1.0000	2.7406	3.7406	34.9774	-2.6901	1.00000
-3.20	1.0000	2.7406	3.7406	34.5169	-2.4901	1.00000
-3.00	1.0000	2.7406	3.7406	34.0564	-2.2901	1.00000
-2.80	1.0000	2.7406	3.7406	33.5958	-2.0901	1.00000
-2.60	1.0000	2.7406	3.7406	33.1353	-1.8901	1.00000
-2.40	1.0000	2.7406	3.7406	32.6748	-1.6901	1.00000
-2.20	1.0000	2.7406	3.7406	32.2143	-1.4901	1.00000
-2.00	1.0000	2.7406	3.7406	31.7538	-1.2901	1.00000
-1.80	1.0000	2.7406	3.7406	31.2932	-1.0901	1.00000
-1.60	1.0000	2.7406	3.7406	30.8327	-0.8901	1.00000
-1.40	1.0001	2.7406	3.7407	30.3721	-0.6901	1.00000
-1.20	1.0001	2.7406	3.7407	29.9116	-0.4901	1.00000
-1.00	1.0001	2.7406	3.7407	29.4510	-0.2900	1.00000
-0.80	1.0002	2.7406	3.7408	28.9904	-0.0900	1.00000
-0.60	1.0003	2.7406	3.7409	28.5298	0.1101	1.00000
-0.40	1.0005	2.7405	3.7411	28.0690	0.3101	1.00000
-0.20	1.0009	2.7405	3.7414	27.6081	0.5103	1.00000
0.0	1.0014	2.7404	3.7418	27.1471	0.7103	1.00000
0.20	1.0022	2.7403	3.7425	26.6857	0.9107	1.00000
0.40	1.0035	2.7402	3.7436	26.2237	1.1112	1.00000
0.60	1.0055	2.7400	3.7455	25.7610	1.3121	1.00000
0.80	1.0087	2.7397	3.7484	25.2969	1.5135	1.00000
1.00	1.0131	2.7387	3.7518	24.8305	1.7154	1.00000
1.20	1.0227	2.7375	3.7603	24.3608	1.9195	1.00000
1.40	1.0368	2.7363	3.7732	23.8855	2.1254	1.00000
1.60	1.0594	2.7344	3.7938	23.4013	2.3348	1.00000
1.80	1.0965	2.7315	3.8280	22.9027	2.5497	1.00000
2.00	1.1605	2.7277	3.8882	22.3807	2.7743	1.00000
2.20	1.2750	2.7248	3.9998	21.8196	3.0152	1.00000
2.40	1.4958	2.7288	4.2247	21.1916	3.2846	1.00000
2.60	1.9838	2.7697	4.7536	20.4471	3.6072	1.00000
2.80	3.2085	2.9805	6.1890	19.5059	4.0160	1.00000
3.00	6.5627	3.8669	10.4296	18.2860	4.5268	1.00000

T= 1500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	1.0000	2.7681	3.7681	43.4842	-6.2601	1.00000
-6.80	1.0000	2.7681	3.7681	43.0237	-6.0601	1.00000
-6.60	1.0000	2.7681	3.7681	42.5632	-5.8601	1.00000
-6.40	1.0000	2.7681	3.7681	42.1026	-5.6601	1.00000
-6.20	1.0000	2.7681	3.7681	41.6421	-5.4601	1.00000
-6.00	1.0000	2.7681	3.7681	41.1816	-5.2601	1.00000
-5.80	1.0000	2.7681	3.7681	40.7211	-5.0601	1.00000
-5.60	1.0000	2.7681	3.7681	40.2606	-4.8601	1.00000
-5.40	1.0000	2.7681	3.7681	39.8000	-4.6601	1.00000
-5.20	1.0000	2.7681	3.7681	39.3395	-4.4601	1.00000

T= 1500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	2.7681	3.7681	38.8790	-4.2601	1.00000
-4.80	1.0000	2.7681	3.7681	38.4185	-4.0601	1.00000
-4.60	1.0000	2.7681	3.7681	37.9580	-3.8601	1.00000
-4.40	1.0000	2.7681	3.7681	37.4975	-3.6601	1.00000
-4.20	1.0000	2.7681	3.7681	37.0369	-3.4601	1.00000
-4.00	1.0000	2.7681	3.7681	36.5764	-3.2601	1.00000
-3.80	1.0000	2.7681	3.7681	36.1159	-3.0601	1.00000
-3.60	1.0000	2.7681	3.7681	35.6554	-2.8601	1.00000
-3.40	1.0000	2.7681	3.7681	35.1949	-2.6601	1.00000
-3.20	1.0000	2.7681	3.7681	34.7344	-2.4601	1.00000
-3.00	1.0000	2.7681	3.7681	34.2738	-2.2601	1.00000
-2.80	1.0000	2.7681	3.7681	33.8133	-2.0601	1.00000
-2.60	1.0000	2.7681	3.7681	33.3528	-1.8601	1.00000
-2.40	1.0000	2.7681	3.7681	32.8923	-1.6601	1.00000
-2.20	1.0000	2.7681	3.7681	32.4318	-1.4601	1.00000
-2.00	1.0000	2.7681	3.7681	31.9712	-1.2601	1.00000
-1.80	1.0000	2.7681	3.7681	31.5107	-1.0601	1.00000
-1.60	1.0000	2.7681	3.7681	31.0502	-0.8601	1.00000
-1.40	1.0001	2.7681	3.7681	30.5896	-0.6601	1.00000
-1.20	1.0001	2.7681	3.7682	30.1291	-0.4601	1.00000
-1.00	1.0001	2.7681	3.7682	29.6685	-0.2601	1.00000
-0.80	1.0002	2.7680	3.7683	29.2079	-0.0600	1.00000
-0.60	1.0003	2.7680	3.7684	28.7473	0.1400	1.00000
-0.40	1.0005	2.7680	3.7686	28.2865	0.3401	1.00000
-0.20	1.0009	2.7680	3.7688	27.8256	0.5402	1.00000
0.0	1.0014	2.7679	3.7693	27.3646	0.7403	1.00000
0.20	1.0022	2.7678	3.7700	26.9032	0.9406	1.00000
0.40	1.0035	2.7677	3.7712	26.4412	1.1412	1.00000
0.60	1.0055	2.7675	3.7730	25.9785	1.3421	1.00000
0.80	1.0088	2.7672	3.7760	25.5144	1.5435	1.00000
1.00	1.0133	2.7663	3.7796	25.0480	1.7454	1.00000
1.20	1.0229	2.7653	3.7881	24.5783	1.9495	1.00000
1.40	1.0370	2.7644	3.8014	24.1033	2.1555	1.00000
1.60	1.0597	2.7630	3.8227	23.6196	2.3649	1.00000
1.80	1.0970	2.7610	3.8579	23.1217	2.5799	1.00000
2.00	1.1609	2.7587	3.9196	22.6009	2.8045	1.00000
2.20	1.2750	2.7581	4.0331	22.0421	3.0452	1.00000
2.40	1.4935	2.7659	4.2594	21.4183	3.3139	1.00000
2.60	1.9705	2.8122	4.7827	20.6822	3.6342	1.00000
2.80	3.1477	3.0255	6.1732	19.7581	4.0377	1.00000
3.00	6.3254	3.8717	10.1971	18.5577	4.5408	1.00000

T= 1600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	1.0000	2.7943	3.7943	43.6898	-6.2321	1.00000
-6.80	1.0000	2.7943	3.7943	43.2293	-6.0321	1.00000
-6.60	1.0000	2.7943	3.7943	42.7688	-5.8321	1.00000
-6.40	1.0000	2.7943	3.7943	42.3083	-5.6321	1.00000
-6.20	1.0000	2.7943	3.7943	41.8478	-5.4321	1.00000
-6.00	1.0000	2.7943	3.7943	41.3873	-5.2321	1.00000
-5.80	1.0000	2.7943	3.7943	40.9268	-5.0321	1.00000
-5.60	1.0000	2.7943	3.7943	40.4662	-4.8321	1.00000
-5.40	1.0000	2.7943	3.7943	40.0057	-4.6321	1.00000
-5.20	1.0000	2.7943	3.7943	39.5452	-4.4321	1.00000

T= 1600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	2.7943	3.7943	39.0847	-4.2321	1.00000
-4.80	1.0000	2.7943	3.7943	38.6242	-4.0321	1.00000
-4.60	1.0000	2.7943	3.7943	38.1637	-3.8321	1.00000
-4.40	1.0000	2.7943	3.7943	37.7031	-3.6321	1.00000
-4.20	1.0000	2.7943	3.7943	37.2426	-3.4321	1.00000
-4.00	1.0000	2.7943	3.7943	36.7821	-3.2321	1.00000
-3.80	1.0000	2.7943	3.7943	36.3216	-3.0321	1.00000
-3.60	1.0000	2.7943	3.7943	35.8611	-2.8321	1.00000
-3.40	1.0000	2.7943	3.7943	35.4006	-2.6321	1.00000
-3.20	1.0000	2.7943	3.7943	34.9400	-2.4321	1.00000
-3.00	1.0000	2.7943	3.7943	34.4795	-2.2321	1.00000
-2.80	1.0000	2.7943	3.7943	34.0190	-2.0321	1.00000
-2.60	1.0000	2.7943	3.7943	33.5585	-1.8321	1.00000
-2.40	1.0000	2.7943	3.7943	33.0980	-1.6321	1.00000
-2.20	1.0000	2.7943	3.7943	32.6374	-1.4321	1.00000
-2.00	1.0000	2.7943	3.7943	32.1769	-1.2321	1.00000
-1.80	1.0000	2.7943	3.7943	31.7164	-1.0321	1.00000
-1.60	1.0000	2.7943	3.7943	31.2559	-0.8321	1.00000
-1.40	1.0001	2.7943	3.7943	30.7953	-0.6321	1.00000
-1.20	1.0001	2.7942	3.7943	30.3348	-0.4321	1.00000
-1.00	1.0001	2.7942	3.7944	29.8742	-0.2320	1.00000
-0.80	1.0002	2.7942	3.7945	29.4136	-0.0320	1.00000
-0.60	1.0003	2.7942	3.7946	28.9529	0.1680	1.00000
-0.40	1.0006	2.7942	3.7948	28.4922	0.3681	1.00000
-0.20	1.0009	2.7942	3.7950	28.0313	0.5683	1.00000
0.0	1.0014	2.7941	3.7955	27.5702	0.7683	1.00000
0.20	1.0022	2.7940	3.7962	27.1088	0.9687	1.00000
0.40	1.0035	2.7939	3.7974	26.6468	1.1692	1.00000
0.60	1.0056	2.7935	3.7991	26.1839	1.3701	1.00000
0.80	1.0089	2.7930	3.8019	25.7196	1.5715	1.00000
1.00	1.0134	2.7922	3.8057	25.2533	1.7735	1.00000
1.20	1.0230	2.7913	3.8143	24.7836	1.9776	1.00000
1.40	1.0372	2.7907	3.8279	24.3089	2.1836	1.00000
1.60	1.0599	2.7898	3.8497	23.8255	2.3930	1.00000
1.80	1.0972	2.7885	3.8858	23.3283	2.6080	1.00000
2.00	1.1611	2.7875	3.9486	22.8086	2.8326	1.00000
2.20	1.2745	2.7889	4.0635	22.2518	3.0731	1.00000
2.40	1.4907	2.7998	4.2905	21.6317	3.3411	1.00000
2.60	1.9572	2.8504	4.8076	20.9030	3.6593	1.00000
2.80	3.0918	3.0643	6.1561	19.9934	4.0579	1.00000
3.00	6.1171	3.8723	9.9894	18.8082	4.5542	1.00000

T= 1700						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	1.0000	2.8191	3.8191	43.8849	-6.2058	1.00000
-6.80	1.0000	2.8191	3.8191	43.4244	-6.0058	1.00000
-6.60	1.0000	2.8191	3.8191	42.9638	-5.8058	1.00000
-6.40	1.0000	2.8191	3.8191	42.5033	-5.6058	1.00000
-6.20	1.0000	2.8191	3.8191	42.0428	-5.4058	1.00000
-6.00	1.0000	2.8191	3.8191	41.5823	-5.2058	1.00000
-5.80	1.0000	2.8191	3.8191	41.1218	-5.0058	1.00000
-5.60	1.0000	2.8191	3.8191	40.6613	-4.8058	1.00000
-5.40	1.0000	2.8191	3.8191	40.2007	-4.6058	1.00000
-5.20	1.0000	2.8191	3.8191	39.7402	-4.4058	1.00000

T= 1700						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	2.8191	3.8191	39.2797	-4.2058	1.00000
-4.80	1.0000	2.8191	3.8191	38.8192	-4.0058	1.00000
-4.60	1.0000	2.8191	3.8191	38.3587	-3.8058	1.00000
-4.40	1.0000	2.8191	3.8191	37.8982	-3.6058	1.00000
-4.20	1.0000	2.8191	3.8191	37.4376	-3.4058	1.00000
-4.00	1.0000	2.8191	3.8191	36.9771	-3.2058	1.00000
-3.80	1.0000	2.8191	3.8191	36.5166	-3.0058	1.00000
-3.60	1.0000	2.8191	3.8191	36.0561	-2.8058	1.00000
-3.40	1.0000	2.8191	3.8191	35.5956	-2.6058	1.00000
-3.20	1.0000	2.8191	3.8191	35.1351	-2.4058	1.00000
-3.00	1.0000	2.8191	3.8191	34.6745	-2.2058	1.00000
-2.80	1.0000	2.8191	3.8191	34.2140	-2.0058	1.00000
-2.60	1.0000	2.8191	3.8191	33.7535	-1.8058	1.00000
-2.40	1.0000	2.8191	3.8191	33.2930	-1.6058	1.00000
-2.20	1.0000	2.8191	3.8191	32.8325	-1.4058	1.00000
-2.00	1.0000	2.8191	3.8191	32.3719	-1.2058	1.00000
-1.80	1.0000	2.8191	3.8191	31.9114	-1.0058	1.00000
-1.60	1.0000	2.8191	3.8192	31.4509	-0.8058	1.00000
-1.40	1.0001	2.8191	3.8192	30.9903	-0.6057	1.00000
-1.20	1.0001	2.8191	3.8192	30.5298	-0.4057	1.00000
-1.00	1.0001	2.8191	3.8193	30.0692	-0.2057	1.00000
-0.80	1.0002	2.8191	3.8193	29.6086	-0.0057	1.00000
-0.60	1.0003	2.8191	3.8194	29.1479	0.1944	1.00000
-0.40	1.0006	2.8191	3.8196	28.6872	0.3945	1.00000
-0.20	1.0009	2.8190	3.8199	28.2263	0.5946	1.00000
0.0	1.0014	2.8190	3.8204	27.7653	0.7946	1.00000
0.20	1.0022	2.8189	3.8211	27.3038	0.9950	1.00000
0.40	1.0035	2.8188	3.8223	26.8419	1.1956	1.00000
0.60	1.0057	2.8183	3.8240	26.3788	1.3965	1.00000
0.80	1.0089	2.8177	3.8267	25.9144	1.5979	1.00000
1.00	1.0136	2.8170	3.8306	25.4481	1.7999	1.00000
1.20	1.0230	2.8162	3.8392	24.9785	2.0039	1.00000
1.40	1.0373	2.8157	3.8530	24.5039	2.2099	1.00000
1.60	1.0600	2.8152	3.8752	24.0209	2.4193	1.00000
1.80	1.0973	2.8146	3.9120	23.5243	2.6344	1.00000
2.00	1.1610	2.8147	3.9757	23.0057	2.8589	1.00000
2.20	1.2739	2.8177	4.0916	22.4506	3.0992	1.00000
2.40	1.4876	2.8311	4.3187	21.8338	3.3665	1.00000
2.60	1.9443	2.8850	4.8293	21.1115	3.6828	1.00000
2.80	3.0403	3.0981	6.1383	20.2141	4.0769	1.00000
3.00	5.9330	3.8699	9.8029	19.0406	4.5673	1.00000

T= 1800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	1.0000	2.8427	3.8427	44.0703	-6.1809	1.00000
-6.80	1.0000	2.8427	3.8427	43.6097	-5.9809	1.00000
-6.60	1.0000	2.8427	3.8427	43.1492	-5.7809	1.00000
-6.40	1.0000	2.8427	3.8427	42.6887	-5.5809	1.00000
-6.20	1.0000	2.8427	3.8427	42.2282	-5.3809	1.00000
-6.00	1.0000	2.8427	3.8427	41.7677	-5.1809	1.00000
-5.80	1.0000	2.8427	3.8427	41.3072	-4.9809	1.00000
-5.60	1.0000	2.8427	3.8427	40.8466	-4.7809	1.00000
-5.40	1.0000	2.8427	3.8427	40.3861	-4.5809	1.00000
-5.20	1.0000	2.8427	3.8427	39.9256	-4.3809	1.00000

T= 1800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	2.8427	3.8427	39.4651	-4.1809	1.00000
-4.80	1.0000	2.8427	3.8427	39.0046	-3.9809	1.00000
-4.60	1.0000	2.8427	3.8427	38.5441	-3.7809	1.00000
-4.40	1.0000	2.8427	3.8427	38.0835	-3.5809	1.00000
-4.20	1.0000	2.8427	3.8427	37.6230	-3.3809	1.00000
-4.00	1.0000	2.8427	3.8427	37.1625	-3.1809	1.00000
-3.80	1.0000	2.8427	3.8427	36.7020	-2.9809	1.00000
-3.60	1.0000	2.8427	3.8427	36.2415	-2.7809	1.00000
-3.40	1.0000	2.8427	3.8427	35.7809	-2.5809	1.00000
-3.20	1.0000	2.8427	3.8427	35.3204	-2.3809	1.00000
-3.00	1.0000	2.8427	3.8427	34.8599	-2.1809	1.00000
-2.80	1.0000	2.8427	3.8427	34.3994	-1.9809	1.00000
-2.60	1.0000	2.8427	3.8427	33.9389	-1.7809	1.00000
-2.40	1.0000	2.8427	3.8427	33.4783	-1.5809	1.00000
-2.20	1.0000	2.8427	3.8427	33.0178	-1.3809	1.00000
-2.00	1.0000	2.8427	3.8427	32.5573	-1.1809	1.00000
-1.80	1.0000	2.8427	3.8427	32.0968	-0.9809	1.00000
-1.60	1.0000	2.8427	3.8427	31.6362	-0.7809	1.00000
-1.40	1.0001	2.8427	3.8427	31.1757	-0.5809	1.00000
-1.20	1.0001	2.8427	3.8428	30.7152	-0.3809	1.00000
-1.00	1.0001	2.8427	3.8428	30.2546	-0.1809	1.00000
-0.80	1.0002	2.8427	3.8429	29.7940	0.0191	1.00000
-0.60	1.0004	2.8427	3.8430	29.3333	0.2192	1.00000
-0.40	1.0006	2.8426	3.8432	28.8726	0.4193	1.00000
-0.20	1.0009	2.8426	3.8435	28.4117	0.6194	1.00000
0.0	1.0014	2.8426	3.8440	27.9506	0.8195	1.00000
0.20	1.0022	2.8424	3.8447	27.4891	1.0198	1.00000
0.40	1.0036	2.8423	3.8459	27.0272	1.2204	1.00000
0.60	1.0057	2.8421	3.8479	26.5644	1.4213	1.00000
0.80	1.0090	2.8419	3.8508	26.1002	1.6227	1.00000
1.00	1.0137	2.8411	3.8549	25.6339	1.8248	1.00000
1.20	1.0231	2.8404	3.8635	25.1643	2.0288	1.00000
1.40	1.0373	2.8401	3.8774	24.6899	2.2348	1.00000
1.60	1.0600	2.8399	3.9000	24.2072	2.4442	1.00000
1.80	1.0973	2.8399	3.9373	23.7111	2.6592	1.00000
2.00	1.1609	2.8408	4.0017	23.1934	2.8836	1.00000
2.20	1.2730	2.8453	4.1182	22.6399	3.1237	1.00000
2.40	1.4844	2.8608	4.3452	22.0260	3.3904	1.00000
2.60	1.9319	2.9172	4.8491	21.3095	3.7048	1.00000
2.80	2.9929	3.1284	6.1213	20.4223	4.0949	1.00000
3.00	5.7691	3.8664	9.6355	19.2581	4.5800	1.00000

T= 1900						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	1.0000	2.8650	3.8650	44.2468	-6.1575	1.00000
-6.80	1.0000	2.8650	3.8650	43.7863	-5.9575	1.00000
-6.60	1.0000	2.8650	3.8650	43.3258	-5.7575	1.00000
-6.40	1.0000	2.8650	3.8650	42.8653	-5.5575	1.00000
-6.20	1.0000	2.8650	3.8650	42.4048	-5.3575	1.00000
-6.00	1.0000	2.8650	3.8650	41.9443	-5.1575	1.00000
-5.80	1.0000	2.8650	3.8650	41.4837	-4.9575	1.00000
-5.60	1.0000	2.8650	3.8650	41.0232	-4.7575	1.00000
-5.40	1.0000	2.8650	3.8650	40.5627	-4.5575	1.00000
-5.20	1.0000	2.8650	3.8650	40.1022	-4.3575	1.00000

T= 1900						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	2.8650	3.8650	39.6417	-4.1575	1.00000
-4.80	1.0000	2.8650	3.8650	39.1812	-3.9575	1.00000
-4.60	1.0000	2.8650	3.8650	38.7206	-3.7575	1.00000
-4.40	1.0000	2.8650	3.8650	38.2601	-3.5575	1.00000
-4.20	1.0000	2.8650	3.8650	37.7996	-3.3575	1.00000
-4.00	1.0000	2.8650	3.8650	37.3391	-3.1575	1.00000
-3.80	1.0000	2.8650	3.8650	36.8786	-2.9575	1.00000
-3.60	1.0000	2.8650	3.8650	36.4180	-2.7575	1.00000
-3.40	1.0000	2.8650	3.8650	35.9575	-2.5575	1.00000
-3.20	1.0000	2.8650	3.8650	35.4970	-2.3575	1.00000
-3.00	1.0000	2.8650	3.8650	35.0365	-2.1575	1.00000
-2.80	1.0000	2.8650	3.8650	34.5760	-1.9575	1.00000
-2.60	1.0000	2.8650	3.8650	34.1155	-1.7575	1.00000
-2.40	1.0000	2.8650	3.8650	33.6549	-1.5575	1.00000
-2.20	1.0000	2.8650	3.8650	33.1944	-1.3575	1.00000
-2.00	1.0000	2.8650	3.8650	32.7339	-1.1575	1.00000
-1.80	1.0000	2.8650	3.8650	32.2734	-0.9575	1.00000
-1.60	1.0000	2.8650	3.8650	31.8128	-0.7574	1.00000
-1.40	1.0001	2.8650	3.8650	31.3523	-0.5574	1.00000
-1.20	1.0001	2.8650	3.8651	30.8918	-0.3574	1.00000
-1.00	1.0001	2.8650	3.8651	30.4312	-0.1574	1.00000
-0.80	1.0002	2.8650	3.8652	29.9706	0.0426	1.00000
-0.60	1.0004	2.8649	3.8653	29.5099	0.2427	1.00000
-0.40	1.0006	2.8649	3.8655	29.0492	0.4428	1.00000
-0.20	1.0009	2.8649	3.8658	28.5883	0.6429	1.00000
0.0	1.0014	2.8649	3.8663	28.1272	0.8430	1.00000
0.20	1.0022	2.8647	3.8670	27.6657	1.0433	1.00000
0.40	1.0036	2.8646	3.8682	27.2037	1.2439	1.00000
0.60	1.0057	2.8647	3.8705	26.7412	1.4448	1.00000
0.80	1.0090	2.8648	3.8738	26.2775	1.6462	1.00000
1.00	1.0138	2.8641	3.8779	25.8111	1.8483	1.00000
1.20	1.0231	2.8634	3.8866	25.3416	2.0523	1.00000
1.40	1.0373	2.8633	3.9006	24.8672	2.2582	1.00000
1.60	1.0600	2.8634	3.9234	24.3848	2.4677	1.00000
1.80	1.0973	2.8638	3.9611	23.8892	2.6827	1.00000
2.00	1.1606	2.8655	4.0261	23.3723	2.9070	1.00000
2.20	1.2720	2.8711	4.1431	22.8203	3.1468	1.00000
2.40	1.4811	2.8883	4.3694	22.2090	3.4129	1.00000
2.60	1.9199	2.9466	4.8665	21.4974	3.7256	1.00000
2.80	2.9493	3.1551	6.1044	20.6188	4.1121	1.00000
3.00	5.6224	3.8613	9.4837	19.4619	4.5923	1.00000

T= 2000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	1.0000	2.8973	3.8973	44.4285	-6.1354	1.00000
-6.80	1.0000	2.8973	3.8973	43.9680	-5.9354	1.00000
-6.60	1.0000	2.8973	3.8973	43.5075	-5.7354	1.00000
-6.40	1.0000	2.8973	3.8973	43.0469	-5.5354	1.00000
-6.20	1.0000	2.8973	3.8973	42.5864	-5.3354	1.00000
-6.00	1.0000	2.8973	3.8973	42.1259	-5.1354	1.00000
-5.80	1.0000	2.8973	3.8973	41.6654	-4.9354	1.00000
-5.60	1.0000	2.8973	3.8973	41.2049	-4.7354	1.00000
-5.40	1.0000	2.8973	3.8973	40.7443	-4.5354	1.00000
-5.20	1.0000	2.8973	3.8973	40.2838	-4.3354	1.00000

T= 2000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	2.8973	3.8973	39.8233	-4.1354	1.00000
-4.80	1.0000	2.8973	3.8973	39.3628	-3.9354	1.00000
-4.60	1.0000	2.8973	3.8973	38.9023	-3.7354	1.00000
-4.40	1.0000	2.8973	3.8973	38.4417	-3.5354	1.00000
-4.20	1.0000	2.8973	3.8973	37.9812	-3.3354	1.00000
-4.00	1.0000	2.8973	3.8973	37.5207	-3.1354	1.00000
-3.80	1.0000	2.8973	3.8973	37.0602	-2.9354	1.00000
-3.60	1.0000	2.8973	3.8973	36.5997	-2.7354	1.00000
-3.40	1.0000	2.8973	3.8973	36.1392	-2.5354	1.00000
-3.20	1.0000	2.8973	3.8973	35.6786	-2.3354	1.00000
-3.00	1.0000	2.8973	3.8973	35.2181	-2.1354	1.00000
-2.80	1.0000	2.8973	3.8973	34.7576	-1.9354	1.00000
-2.60	1.0000	2.8973	3.8973	34.2971	-1.7354	1.00000
-2.40	1.0000	2.8973	3.8973	33.8366	-1.5354	1.00000
-2.20	1.0000	2.8973	3.8973	33.3760	-1.3354	1.00000
-2.00	1.0000	2.8973	3.8973	32.9155	-1.1354	1.00000
-1.80	1.0000	2.8973	3.8973	32.4550	-0.9354	1.00000
-1.60	1.0000	2.8973	3.8973	31.9945	-0.7353	1.00000
-1.40	1.0001	2.8973	3.8974	31.5339	-0.5353	1.00000
-1.20	1.0001	2.8973	3.8974	31.0734	-0.3353	1.00000
-1.00	1.0001	2.8973	3.8974	30.6128	-0.1353	1.00000
-0.80	1.0002	2.8973	3.8975	30.1522	0.0647	1.00000
-0.60	1.0004	2.8973	3.8977	29.6915	0.2648	1.00000
-0.40	1.0006	2.8973	3.8979	29.2308	0.4649	1.00000
-0.20	1.0009	2.8973	3.8982	28.7699	0.6650	1.00000
0.0	1.0015	2.8972	3.8987	28.3088	0.8653	1.00000
0.20	1.0023	2.8972	3.8994	27.8474	1.0656	1.00000
0.40	1.0036	2.8970	3.9006	27.3854	1.2662	1.00000
0.60	1.0057	2.8971	3.9028	26.9228	1.4671	1.00000
0.80	1.0090	2.8971	3.9062	26.4590	1.6685	1.00000
1.00	1.0139	2.8964	3.9104	25.9926	1.8706	1.00000
1.20	1.0232	2.8958	3.9190	25.5231	2.0746	1.00000
1.40	1.0373	2.8958	3.9331	25.0489	2.2805	1.00000
1.60	1.0600	2.8961	3.9561	24.5667	2.4899	1.00000
1.80	1.0972	2.8970	3.9941	24.0716	2.7049	1.00000
2.00	1.1602	2.8992	4.0595	23.5554	2.9291	1.00000
2.20	1.2709	2.9058	4.1767	23.0046	3.1687	1.00000
2.40	1.4778	2.9244	4.4022	22.3956	3.4342	1.00000
2.60	1.9084	2.9841	4.8924	21.6884	3.7453	1.00000
2.80	2.9091	3.1892	6.0983	20.8170	4.1284	1.00000
3.00	5.4903	3.8656	9.3558	19.6658	4.6042	1.00000

T= 2100						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	1.0000	2.9180	3.9180	44.5914	-6.1142	1.00000
-6.80	1.0000	2.9180	3.9180	44.1308	-5.9142	1.00000
-6.60	1.0000	2.9180	3.9180	43.6703	-5.7142	1.00000
-6.40	1.0000	2.9180	3.9180	43.2098	-5.5142	1.00000
-6.20	1.0000	2.9179	3.9179	42.7493	-5.3142	1.00000
-6.00	1.0000	2.9179	3.9179	42.2887	-5.1142	1.00000
-5.80	1.0000	2.9179	3.9179	41.8282	-4.9142	1.00000
-5.60	1.0000	2.9179	3.9179	41.3677	-4.7142	1.00000
-5.40	1.0000	2.9179	3.9179	40.9072	-4.5142	1.00000
-5.20	1.0000	2.9179	3.9179	40.4466	-4.3142	1.00000

T= 2100						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	2.9179	3.9179	39.9861	-4.1142	1.00000
-4.80	1.0000	2.9179	3.9179	39.5256	-3.9142	1.00000
-4.60	1.0000	2.9179	3.9179	39.0651	-3.7142	1.00000
-4.40	1.0000	2.9179	3.9179	38.6046	-3.5142	1.00000
-4.20	1.0000	2.9179	3.9179	38.1440	-3.3142	1.00000
-4.00	1.0000	2.9179	3.9179	37.6835	-3.1142	1.00000
-3.80	1.0000	2.9179	3.9179	37.2230	-2.9142	1.00000
-3.60	1.0000	2.9179	3.9179	36.7625	-2.7142	1.00000
-3.40	1.0000	2.9179	3.9179	36.3020	-2.5142	1.00000
-3.20	1.0000	2.9179	3.9179	35.8415	-2.3142	1.00000
-3.00	1.0000	2.9179	3.9179	35.3809	-2.1142	1.00000
-2.80	1.0000	2.9179	3.9179	34.9204	-1.9142	1.00000
-2.60	1.0000	2.9179	3.9179	34.4599	-1.7142	1.00000
-2.40	1.0000	2.9179	3.9179	33.9994	-1.5142	1.00000
-2.20	1.0000	2.9179	3.9179	33.5389	-1.3142	1.00000
-2.00	1.0000	2.9179	3.9179	33.0783	-1.1142	1.00000
-1.80	1.0000	2.9179	3.9179	32.6178	-0.9142	1.00000
-1.60	1.0000	2.9179	3.9179	32.1573	-0.7142	1.00000
-1.40	1.0001	2.9179	3.9180	31.6967	-0.5142	1.00000
-1.20	1.0001	2.9179	3.9180	31.2362	-0.3141	1.00000
-1.00	1.0001	2.9179	3.9180	30.7756	-0.1141	1.00000
-0.90	1.0002	2.9179	3.9181	30.3150	0.0859	1.00000
-0.60	1.0004	2.9179	3.9183	29.8543	0.2860	1.00000
-0.40	1.0006	2.9179	3.9185	29.3936	0.4861	1.00000
-0.20	1.0009	2.9179	3.9188	28.9327	0.6862	1.00000
0.0	1.0015	2.9179	3.9193	28.4717	0.8864	1.00000
0.20	1.0023	2.9178	3.9201	28.0103	1.0868	1.00000
0.40	1.0036	2.9178	3.9214	27.5484	1.2874	1.00000
0.60	1.0057	2.9176	3.9233	27.0856	1.4883	1.00000
0.80	1.0091	2.9174	3.9265	26.6215	1.6897	1.00000
1.00	1.0140	2.9168	3.9308	26.1552	1.8919	1.00000
1.20	1.0232	2.9162	3.9394	25.6857	2.0957	1.00000
1.40	1.0373	2.9163	3.9536	25.2116	2.3017	1.00000
1.60	1.0599	2.9168	3.9767	24.7296	2.5111	1.00000
1.80	1.0970	2.9180	4.0150	24.2348	2.7260	1.00000
2.00	1.1598	2.9208	4.0806	23.7193	2.9502	1.00000
2.20	1.2697	2.9281	4.1978	23.1697	3.1895	1.00000
2.40	1.4744	2.9479	4.4223	22.5628	3.4544	1.00000
2.60	1.8974	3.0084	4.9058	21.8594	3.7640	1.00000
2.80	2.8719	3.2097	6.0816	20.9941	4.1440	1.00000
3.00	5.3707	3.8582	9.2290	19.8473	4.6158	1.00000

T= 2200						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	1.0000	2.9388	3.9388	44.7476	-6.0940	1.00001
-6.80	1.0000	2.9387	3.9387	44.2870	-5.8940	1.00001
-6.60	1.0000	2.9386	3.9386	43.8265	-5.6940	1.00000
-6.40	1.0000	2.9386	3.9386	43.3659	-5.4940	1.00000
-6.20	1.0000	2.9385	3.9385	42.9053	-5.2940	1.00000
-6.00	1.0000	2.9385	3.9385	42.4448	-5.0940	1.00000
-5.80	1.0000	2.9385	3.9385	41.9842	-4.8940	1.00000
-5.60	1.0000	2.9385	3.9385	41.5237	-4.6940	1.00000
-5.40	1.0000	2.9385	3.9385	41.0632	-4.4940	1.00000
-5.20	1.0000	2.9384	3.9384	40.6026	-4.2940	1.00000

T= 2200						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	2.9384	3.9384	40.1421	-4.0940	1.00000
-4.80	1.0000	2.9384	3.9384	39.6816	-3.8940	1.00000
-4.60	1.0000	2.9384	3.9384	39.2211	-3.6940	1.00000
-4.40	1.0000	2.9384	3.9384	38.7606	-3.4940	1.00000
-4.20	1.0000	2.9384	3.9384	38.3000	-3.2940	1.00000
-4.00	1.0000	2.9384	3.9384	37.8395	-3.0940	1.00000
-3.80	1.0000	2.9384	3.9384	37.3790	-2.8940	1.00000
-3.60	1.0000	2.9384	3.9384	36.9185	-2.6940	1.00000
-3.40	1.0000	2.9384	3.9384	36.4580	-2.4940	1.00000
-3.20	1.0000	2.9384	3.9384	35.9974	-2.2940	1.00000
-3.00	1.0000	2.9384	3.9384	35.5369	-2.0940	1.00000
-2.80	1.0000	2.9384	3.9384	35.0764	-1.8940	1.00000
-2.60	1.0000	2.9384	3.9384	34.6159	-1.6940	1.00000
-2.40	1.0000	2.9384	3.9384	34.1554	-1.4940	1.00000
-2.20	1.0000	2.9384	3.9384	33.6948	-1.2940	1.00000
-2.00	1.0000	2.9384	3.9384	33.2343	-1.0940	1.00000
-1.80	1.0000	2.9384	3.9384	32.7738	-0.8940	1.00000
-1.60	1.0000	2.9384	3.9384	32.3133	-0.6940	1.00000
-1.40	1.0001	2.9384	3.9385	31.8527	-0.4939	1.00000
-1.20	1.0001	2.9384	3.9385	31.3922	-0.2939	1.00000
-1.00	1.0001	2.9384	3.9385	30.9316	-0.0939	1.00000
-0.80	1.0002	2.9384	3.9386	30.4710	0.1061	1.00000
-0.60	1.0004	2.9384	3.9388	30.0103	0.3062	1.00000
-0.40	1.0006	2.9384	3.9390	29.5496	0.5063	1.00000
-0.20	1.0009	2.9384	3.9393	29.0887	0.7064	1.00000
0.0	1.0015	2.9384	3.9398	28.6276	0.9066	1.00000
0.20	1.0023	2.9383	3.9406	28.1662	1.1070	1.00000
0.40	1.0036	2.9383	3.9419	27.7043	1.3076	1.00000
0.60	1.0057	2.9381	3.9438	27.2415	1.5085	1.00000
0.80	1.0091	2.9379	3.9470	26.7774	1.7099	1.00000
1.00	1.0141	2.9373	3.9515	26.3111	1.9121	1.00000
1.20	1.0232	2.9368	3.9600	25.8416	2.1160	1.00000
1.40	1.0373	2.9370	3.9743	25.3676	2.3219	1.00000
1.60	1.0598	2.9376	3.9975	24.8858	2.5312	1.00000
1.80	1.0968	2.9391	4.0359	24.3914	2.7461	1.00000
2.00	1.1593	2.9423	4.1016	23.8764	2.9702	1.00000
2.20	1.2685	2.9504	4.2189	23.3278	3.2093	1.00000
2.40	1.4711	2.9710	4.4421	22.7227	3.4737	1.00000
2.60	1.8870	3.0321	4.9191	22.0227	3.7818	1.00000
2.80	2.8376	3.2292	6.0668	21.1626	4.1589	1.00000
3.00	5.2620	3.8517	9.1137	20.0193	4.6272	1.00000

T= 2300						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	1.0000	2.9577	3.9578	44.8982	-6.0747	1.00002
-6.80	1.0000	2.9575	3.9575	44.4374	-5.8747	1.00002
-6.60	1.0000	2.9574	3.9574	43.9768	-5.6747	1.00001
-6.40	1.0000	2.9572	3.9572	43.5161	-5.4747	1.00001
-6.20	1.0000	2.9571	3.9571	43.0555	-5.2747	1.00001
-6.00	1.0000	2.9570	3.9570	42.5949	-5.0747	1.00001
-5.80	1.0000	2.9570	3.9570	42.1343	-4.8747	1.00001
-5.60	1.0000	2.9569	3.9569	41.6737	-4.6747	1.00000
-5.40	1.0000	2.9569	3.9569	41.2131	-4.4747	1.00000
-5.20	1.0000	2.9568	3.9568	40.7526	-4.2747	1.00000

T= 2300						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	2.9568	3.9568	40.2920	-4.0747	1.00000
-4.80	1.0000	2.9568	3.9568	39.8315	-3.8747	1.00000
-4.60	1.0000	2.9568	3.9568	39.3710	-3.6747	1.00000
-4.40	1.0000	2.9567	3.9567	38.9104	-3.4747	1.00000
-4.20	1.0000	2.9567	3.9567	38.4499	-3.2747	1.00000
-4.00	1.0000	2.9567	3.9567	37.9894	-3.0747	1.00000
-3.80	1.0000	2.9567	3.9567	37.5289	-2.8747	1.00000
-3.60	1.0000	2.9567	3.9567	37.0683	-2.6747	1.00000
-3.40	1.0000	2.9567	3.9567	36.6078	-2.4747	1.00000
-3.20	1.0000	2.9567	3.9567	36.1473	-2.2747	1.00000
-3.00	1.0000	2.9567	3.9567	35.6868	-2.0747	1.00000
-2.80	1.0000	2.9567	3.9567	35.2263	-1.8747	1.00000
-2.60	1.0000	2.9567	3.9567	34.7657	-1.6747	1.00000
-2.40	1.0000	2.9567	3.9567	34.3052	-1.4747	1.00000
-2.20	1.0000	2.9567	3.9567	33.8447	-1.2747	1.00000
-2.00	1.0000	2.9567	3.9567	33.3842	-1.0747	1.00000
-1.80	1.0000	2.9567	3.9567	32.9236	-0.8747	1.00000
-1.60	1.0000	2.9567	3.9567	32.4631	-0.6747	1.00000
-1.40	1.0001	2.9567	3.9568	32.0026	-0.4746	1.00000
-1.20	1.0001	2.9567	3.9568	31.5420	-0.2746	1.00000
-1.00	1.0001	2.9567	3.9568	31.0814	-0.0746	1.00000
-0.80	1.0002	2.9567	3.9569	30.6208	0.1254	1.00000
-0.60	1.0004	2.9567	3.9571	30.1602	0.3255	1.00000
-0.40	1.0006	2.9567	3.9573	29.6994	0.5256	1.00000
-0.20	1.0009	2.9567	3.9576	29.2386	0.7257	1.00000
0.0	1.0015	2.9567	3.9582	28.7775	0.9260	1.00000
0.20	1.0023	2.9566	3.9589	28.3161	1.1263	1.00000
0.40	1.0036	2.9566	3.9602	27.8542	1.3269	1.00000
0.60	1.0057	2.9565	3.9622	27.3914	1.5278	1.00000
0.80	1.0091	2.9564	3.9655	26.9275	1.7292	1.00000
1.00	1.0142	2.9559	3.9701	26.4612	1.9314	1.00000
1.20	1.0232	2.9554	3.9786	25.9917	2.1353	1.00000
1.40	1.0372	2.9556	3.9928	25.5178	2.3412	1.00000
1.60	1.0597	2.9564	4.0161	25.0361	2.5505	1.00000
1.80	1.0966	2.9581	4.0547	24.5420	2.7654	1.00000
2.00	1.1588	2.9617	4.1205	24.0275	2.9893	1.00000
2.20	1.2673	2.9703	4.2375	23.4799	3.2282	1.00000
2.40	1.4679	2.9916	4.4595	22.8764	3.4920	1.00000
2.60	1.8771	3.0529	4.9300	22.1794	3.7988	1.00000
2.80	2.8057	3.2458	6.0515	21.3236	4.1733	1.00000
3.00	5.1628	3.8438	9.0066	20.1830	4.6382	1.00000

T= 2400						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	1.0001	2.9771	3.9771	45.0440	-6.0562	1.00006
-6.80	1.0000	2.9765	3.9766	44.5829	-5.8562	1.00005
-6.60	1.0000	2.9761	3.9761	44.1219	-5.6562	1.00004
-6.40	1.0000	2.9757	3.9757	43.6610	-5.4562	1.00003
-6.20	1.0000	2.9754	3.9754	43.2002	-5.2562	1.00002
-6.00	1.0000	2.9752	3.9752	42.7395	-5.0562	1.00002
-5.80	1.0000	2.9750	3.9750	42.2788	-4.8562	1.00001
-5.60	1.0000	2.9749	3.9749	41.8181	-4.6562	1.00001
-5.40	1.0000	2.9747	3.9748	41.3575	-4.4562	1.00001
-5.20	1.0000	2.9747	3.9747	40.8969	-4.2562	1.00001

T= 2400						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	2.9746	3.9746	40.4363	-4.0562	1.00001
-4.80	1.0000	2.9745	3.9745	39.9757	-3.8562	1.00000
-4.60	1.0000	2.9745	3.9745	39.5151	-3.6562	1.00000
-4.40	1.0000	2.9744	3.9744	39.0546	-3.4562	1.00000
-4.20	1.0000	2.9744	3.9744	38.5940	-3.2562	1.00000
-4.00	1.0000	2.9744	3.9744	38.1335	-3.0562	1.00000
-3.80	1.0000	2.9744	3.9744	37.6729	-2.8562	1.00000
-3.60	1.0000	2.9744	3.9744	37.2124	-2.6562	1.00000
-3.40	1.0000	2.9743	3.9743	36.7519	-2.4562	1.00000
-3.20	1.0000	2.9743	3.9743	36.2914	-2.2562	1.00000
-3.00	1.0000	2.9743	3.9743	35.8308	-2.0562	1.00000
-2.80	1.0000	2.9743	3.9743	35.3703	-1.8562	1.00000
-2.60	1.0000	2.9743	3.9743	34.9098	-1.6562	1.00000
-2.40	1.0000	2.9743	3.9743	34.4493	-1.4562	1.00000
-2.20	1.0000	2.9743	3.9743	33.9887	-1.2562	1.00000
-2.00	1.0000	2.9743	3.9743	33.5282	-1.0562	1.00000
-1.80	1.0000	2.9743	3.9743	33.0677	-0.8562	1.00000
-1.60	1.0000	2.9743	3.9743	32.6072	-0.6562	1.00000
-1.40	1.0001	2.9743	3.9744	32.1466	-0.4562	1.00000
-1.20	1.0001	2.9743	3.9744	31.6861	-0.2561	1.00000
-1.00	1.0001	2.9743	3.9745	31.2255	-0.0561	1.00000
-0.80	1.0002	2.9743	3.9745	30.7649	0.1439	1.00000
-0.60	1.0004	2.9743	3.9747	30.3042	0.3440	1.00000
-0.40	1.0006	2.9743	3.9749	29.8435	0.5441	1.00000
-0.20	1.0009	2.9743	3.9752	29.3826	0.7442	1.00000
0.0	1.0015	2.9743	3.9758	28.9216	0.9444	1.00000
0.20	1.0023	2.9743	3.9766	28.4602	1.1448	1.00000
0.40	1.0036	2.9742	3.9779	27.9983	1.3454	1.00000
0.60	1.0057	2.9742	3.9799	27.5356	1.5463	1.00000
0.80	1.0091	2.9741	3.9833	27.0717	1.7477	1.00000
1.00	1.0143	2.9736	3.9879	26.6054	1.9499	1.00000
1.20	1.0232	2.9732	3.9964	26.1359	2.1537	1.00000
1.40	1.0372	2.9735	4.0106	25.6620	2.3596	1.00000
1.60	1.0596	2.9744	4.0340	25.1805	2.5689	1.00000
1.80	1.0964	2.9762	4.0726	24.6867	2.7838	1.00000
2.00	1.1583	2.9802	4.1385	24.1727	3.0076	1.00000
2.20	1.2661	2.9892	4.2552	23.6259	3.2462	1.00000
2.40	1.4648	3.0111	4.4759	23.0239	3.5096	1.00000
2.60	1.8677	3.0723	4.9401	22.3294	3.8151	1.00000
2.80	2.7762	3.2607	6.0369	21.4773	4.1872	1.00000
3.00	5.0718	3.8360	8.9078	20.3388	4.6490	1.00000

T= 2500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	1.0001	2.9988	3.9989	45.1871	-6.0384	1.00015
-6.80	1.0001	2.9974	3.9975	44.7251	-5.8384	1.00012
-6.60	1.0001	2.9962	3.9963	44.2634	-5.6384	1.00010
-6.40	1.0001	2.9953	3.9954	43.8020	-5.4384	1.00008
-6.20	1.0001	2.9946	3.9947	43.3407	-5.2384	1.00006
-6.00	1.0000	2.9941	3.9941	42.8796	-5.0384	1.00005
-5.80	1.0000	2.9936	3.9937	42.4186	-4.8384	1.00004
-5.60	1.0000	2.9933	3.9933	41.9577	-4.6384	1.00003
-5.40	1.0000	2.9930	3.9930	41.4969	-4.4384	1.00002
-5.20	1.0000	2.9928	3.9928	41.0362	-4.2384	1.00002

T= 2500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	2.9926	3.9926	40.5755	-4.0384	1.00002
-4.80	1.0000	2.9924	3.9925	40.1148	-3.8384	1.00001
-4.60	1.0000	2.9923	3.9923	39.6542	-3.6385	1.00001
-4.40	1.0000	2.9922	3.9922	39.1936	-3.4385	1.00001
-4.20	1.0000	2.9922	3.9922	38.7330	-3.2385	1.00001
-4.00	1.0000	2.9921	3.9921	38.2724	-3.0385	1.00000
-3.80	1.0000	2.9921	3.9921	37.8118	-2.8385	1.00000
-3.60	1.0000	2.9920	3.9920	37.3513	-2.6385	1.00000
-3.40	1.0000	2.9920	3.9920	36.8907	-2.4385	1.00000
-3.20	1.0000	2.9920	3.9920	36.4302	-2.2385	1.00000
-3.00	1.0000	2.9920	3.9920	35.9697	-2.0385	1.00000
-2.80	1.0000	2.9920	3.9920	35.5091	-1.8385	1.00000
-2.60	1.0000	2.9919	3.9919	35.0486	-1.6385	1.00000
-2.40	1.0000	2.9919	3.9919	34.5881	-1.4385	1.00000
-2.20	1.0000	2.9919	3.9919	34.1275	-1.2385	1.00000
-2.00	1.0000	2.9919	3.9919	33.6670	-1.0384	1.00000
-1.80	1.0000	2.9919	3.9919	33.2065	-0.8384	1.00000
-1.60	1.0000	2.9919	3.9919	32.7459	-0.6384	1.00000
-1.40	1.0001	2.9919	3.9920	32.2854	-0.4384	1.00000
-1.20	1.0001	2.9919	3.9920	31.8248	-0.2384	1.00000
-1.00	1.0001	2.9919	3.9921	31.3643	-0.0384	1.00000
-0.80	1.0002	2.9919	3.9921	30.9037	0.1616	1.00000
-0.60	1.0004	2.9919	3.9923	30.4430	0.3617	1.00000
-0.40	1.0006	2.9919	3.9925	29.9823	0.5618	1.00000
-0.20	1.0009	2.9919	3.9928	29.5214	0.7619	1.00000
0.0	1.0015	2.9919	3.9934	29.0604	0.9622	1.00000
0.20	1.0023	2.9919	3.9942	28.5990	1.1625	1.00000
0.40	1.0036	2.9919	3.9955	28.1371	1.3631	1.00000
0.60	1.0057	2.9918	3.9976	27.6745	1.5640	1.00000
0.80	1.0091	2.9918	4.0010	27.2105	1.7655	1.00000
1.00	1.0143	2.9914	4.0057	26.7443	1.9677	1.00000
1.20	1.0232	2.9909	4.0141	26.2748	2.1715	1.00000
1.40	1.0371	2.9913	4.0284	25.8010	2.3773	1.00000
1.60	1.0595	2.9922	4.0517	25.3196	2.5865	1.00000
1.80	1.0961	2.9943	4.0904	24.8260	2.8014	1.00000
2.00	1.1578	2.9984	4.1562	24.3125	3.0251	1.00000
2.20	1.2649	3.0078	4.2727	23.7663	3.2636	1.00000
2.40	1.4617	3.0301	4.4919	23.1657	3.5264	1.00000
2.60	1.8588	3.0911	4.9500	22.4734	3.8308	1.00000
2.80	2.7487	3.2750	6.0237	21.6244	4.2007	1.00000
3.00	4.9880	3.8283	8.8168	20.4975	4.6594	1.00000

T= 2600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	1.0004	3.0236	4.0240	45.3301	-6.0213	1.00036
-6.80	1.0003	3.0203	4.0206	44.8662	-5.8213	1.00029
-6.60	1.0002	3.0178	4.0180	44.4030	-5.6213	1.00023
-6.40	1.0002	3.0157	4.0159	43.9403	-5.4213	1.00018
-6.20	1.0001	3.0141	4.0142	43.4781	-5.2214	1.00014
-6.00	1.0001	3.0128	4.0129	43.0162	-5.0214	1.00011
-5.80	1.0001	3.0118	4.0119	42.5546	-4.8214	1.00009
-5.60	1.0001	3.0109	4.0110	42.0933	-4.6214	1.00007
-5.40	1.0001	3.0103	4.0104	41.6321	-4.4214	1.00006
-5.20	1.0000	3.0098	4.0098	41.1710	-4.2214	1.00005

T= 2600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0000	3.0094	4.0094	40.7101	-4.0214	1.00004
-4.80	1.0000	3.0091	4.0091	40.2492	-3.8214	1.00003
-4.60	1.0000	3.0088	4.0088	39.7884	-3.6214	1.00002
-4.40	1.0000	3.0086	4.0086	39.3277	-3.4214	1.00002
-4.20	1.0000	3.0084	4.0084	38.8670	-3.2214	1.00001
-4.00	1.0000	3.0083	4.0083	38.4064	-3.0214	1.00001
-3.80	1.0000	3.0082	4.0082	37.9457	-2.8214	1.00001
-3.60	1.0000	3.0081	4.0081	37.4851	-2.6214	1.00001
-3.40	1.0000	3.0080	4.0081	37.0246	-2.4214	1.00001
-3.20	1.0000	3.0080	4.0080	36.5640	-2.2214	1.00000
-3.00	1.0000	3.0080	4.0080	36.1034	-2.0214	1.00000
-2.80	1.0000	3.0079	4.0079	35.6429	-1.8214	1.00000
-2.60	1.0000	3.0079	4.0079	35.1823	-1.6214	1.00000
-2.40	1.0000	3.0079	4.0079	34.7218	-1.4214	1.00000
-2.20	1.0000	3.0079	4.0079	34.2612	-1.2214	1.00000
-2.00	1.0000	3.0078	4.0079	33.8007	-1.0214	1.00000
-1.80	1.0000	3.0078	4.0079	33.3402	-0.8214	1.00000
-1.60	1.0000	3.0078	4.0079	32.8796	-0.6214	1.00000
-1.40	1.0001	3.0078	4.0079	32.4191	-0.4214	1.00000
-1.20	1.0001	3.0078	4.0079	31.9585	-0.2214	1.00000
-1.00	1.0001	3.0078	4.0080	31.4980	-0.0214	1.00000
-0.80	1.0002	3.0078	4.0080	31.0374	0.1787	1.00000
-0.60	1.0004	3.0078	4.0082	30.5767	0.3787	1.00000
-0.40	1.0006	3.0078	4.0084	30.1160	0.5788	1.00000
-0.20	1.0009	3.0078	4.0088	29.6551	0.7790	1.00000
0.0	1.0015	3.0078	4.0093	29.1940	0.9792	1.00000
0.20	1.0023	3.0078	4.0101	28.7326	1.1795	1.00000
0.40	1.0036	3.0078	4.0115	28.2708	1.3801	1.00000
0.60	1.0058	3.0078	4.0135	27.8081	1.5810	1.00000
0.80	1.0091	3.0078	4.0169	27.3442	1.7825	1.00000
1.00	1.0144	3.0074	4.0218	26.8779	1.9848	1.00000
1.20	1.0232	3.0069	4.0301	26.4085	2.1885	1.00000
1.40	1.0371	3.0073	4.0444	25.9347	2.3944	1.00000
1.60	1.0594	3.0084	4.0677	25.4534	2.6036	1.00000
1.80	1.0959	3.0105	4.1064	24.9600	2.8183	1.00000
2.00	1.1572	3.0149	4.1722	24.4469	3.0420	1.00000
2.20	1.2637	3.0246	4.2882	23.9014	3.2802	1.00000
2.40	1.4588	3.0471	4.5059	23.3019	3.5425	1.00000
2.60	1.8504	3.1078	4.9581	22.6117	3.8458	1.00000
2.80	2.7232	3.2871	6.0103	21.7652	4.2136	1.00000
3.00	4.9108	3.8208	8.7316	20.6296	4.6697	1.00000

T= 2700						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	1.0008	3.0567	4.0575	45.4784	-6.0047	1.00081
-6.80	1.0006	3.0497	4.0504	45.0106	-5.8048	1.00064
-6.60	1.0005	3.0442	4.0447	44.5442	-5.6048	1.00051
-6.40	1.0004	3.0398	4.0402	44.0791	-5.4049	1.00041
-6.20	1.0003	3.0362	4.0366	43.6149	-5.2049	1.00032
-6.00	1.0003	3.0335	4.0337	43.1515	-5.0049	1.00026
-5.80	1.0002	3.0312	4.0315	42.6886	-4.8049	1.00020
-5.60	1.0002	3.0295	4.0296	42.2263	-4.6050	1.00016
-5.40	1.0001	3.0281	4.0282	41.7643	-4.4050	1.00013
-5.20	1.0001	3.0270	4.0271	41.3026	-4.2050	1.00010

T= 2700						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0001	3.0261	4.0262	40.8412	-4.0050	1.00008
-4.80	1.0001	3.0254	4.0255	40.3799	-3.8050	1.00006
-4.60	1.0000	3.0248	4.0249	39.9198	-3.6050	1.00005
-4.40	1.0000	3.0244	4.0244	39.4578	-3.4050	1.00004
-4.20	1.0000	3.0241	4.0241	38.9969	-3.2050	1.00003
-4.00	1.0000	3.0238	4.0238	38.5361	-3.0050	1.00003
-3.80	1.0000	3.0235	4.0236	38.0754	-2.8050	1.00002
-3.60	1.0000	3.0234	4.0234	37.6147	-2.6050	1.00002
-3.40	1.0000	3.0232	4.0232	37.1540	-2.4050	1.00001
-3.20	1.0000	3.0231	4.0231	36.6934	-2.2050	1.00001
-3.00	1.0000	3.0230	4.0230	36.2328	-2.0050	1.00001
-2.80	1.0000	3.0230	4.0230	35.7722	-1.8050	1.00001
-2.60	1.0000	3.0229	4.0229	35.3116	-1.6050	1.00001
-2.40	1.0000	3.0229	4.0229	34.8510	-1.4050	1.00000
-2.20	1.0000	3.0228	4.0228	34.3905	-1.2050	1.00000
-2.00	1.0000	3.0228	4.0228	33.9299	-1.0050	1.00000
-1.80	1.0000	3.0228	4.0228	33.4694	-0.8050	1.00000
-1.60	1.0000	3.0228	4.0228	33.0088	-0.6050	1.00000
-1.40	1.0001	3.0227	4.0228	32.5483	-0.4050	1.00000
-1.20	1.0001	3.0227	4.0228	32.0877	-0.2050	1.00000
-1.00	1.0001	3.0227	4.0229	31.6271	-0.0050	1.00000
-0.80	1.0002	3.0227	4.0230	31.1665	0.1951	1.00000
-0.60	1.0004	3.0227	4.0231	30.7059	0.3951	1.00000
-0.40	1.0006	3.0227	4.0233	30.2451	0.5952	1.00000
-0.20	1.0009	3.0227	4.0237	29.7843	0.7954	1.00000
0.0	1.0015	3.0227	4.0242	29.3232	0.9956	1.00000
0.20	1.0023	3.0227	4.0250	28.8618	1.1959	1.00000
0.40	1.0036	3.0227	4.0264	28.3999	1.3965	1.00000
0.60	1.0058	3.0227	4.0285	27.9373	1.5974	1.00000
0.80	1.0091	3.0227	4.0319	27.4734	1.7989	1.00000
1.00	1.0145	3.0223	4.0368	27.0072	2.0012	1.00000
1.20	1.0232	3.0220	4.0451	26.5378	2.2049	1.00000
1.40	1.0370	3.0223	4.0594	26.0640	2.4107	1.00000
1.60	1.0593	3.0234	4.0827	25.5829	2.6199	1.00000
1.80	1.0956	3.0257	4.1214	25.0896	2.8346	1.00000
2.00	1.1567	3.0303	4.1870	24.5768	3.0582	1.00000
2.20	1.2625	3.0401	4.3026	24.0319	3.2962	1.00000
2.40	1.4559	3.0629	4.5188	23.4334	3.5581	1.00000
2.60	1.8424	3.1230	4.9654	22.7449	3.8603	1.00000
2.80	2.6993	3.2978	5.9972	21.9007	4.2262	1.00000
3.00	4.8392	3.8128	9.6520	20.7661	4.6797	1.00000

T= 2800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	1.0017	3.1072	4.1090	45.6404	-5.9885	1.00172
-6.80	1.0014	3.0930	4.0943	45.1649	-5.7886	1.00136
-6.60	1.0011	3.0817	4.0827	44.6925	-5.5888	1.00108
-6.40	1.0009	3.0727	4.0735	44.2225	-5.3889	1.00086
-6.20	1.0007	3.0655	4.0662	43.7545	-5.1889	1.00068
-6.00	1.0005	3.0598	4.0604	43.2880	-4.9890	1.00054
-5.80	1.0004	3.0553	4.0558	42.8228	-4.7890	1.00043
-5.60	1.0003	3.0517	4.0521	42.3585	-4.5891	1.00034
-5.40	1.0003	3.0489	4.0492	41.8950	-4.3891	1.00027
-5.20	1.0002	3.0466	4.0468	41.4321	-4.1891	1.00022

T= 2800						
LOG RH0	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0002	3.0448	4.0450	40.9597	-3.9892	1.00017
-4.80	1.0001	3.0434	4.0435	40.5077	-3.7892	1.00014
-4.60	1.0001	3.0423	4.0424	40.0460	-3.5892	1.00011
-4.40	1.0001	3.0414	4.0415	39.5945	-3.3892	1.00009
-4.20	1.0001	3.0407	4.0407	39.1233	-3.1892	1.00007
-4.00	1.0000	3.0401	4.0401	38.6621	-2.9892	1.00005
-3.80	1.0000	3.0396	4.0397	38.2011	-2.7892	1.00004
-3.60	1.0000	3.0393	4.0393	37.7403	-2.5892	1.00003
-3.40	1.0000	3.0390	4.0390	37.2794	-2.3892	1.00003
-3.20	1.0000	3.0388	4.0388	36.8187	-2.1892	1.00002
-3.00	1.0000	3.0386	4.0386	36.3580	-1.9892	1.00002
-2.80	1.0000	3.0384	4.0385	35.8973	-1.7892	1.00001
-2.60	1.0000	3.0383	4.0383	35.4367	-1.5892	1.00001
-2.40	1.0000	3.0382	4.0383	34.9761	-1.3892	1.00001
-2.20	1.0000	3.0382	4.0382	34.5155	-1.1892	1.00001
-2.00	1.0000	3.0381	4.0381	34.0549	-0.9892	1.00001
-1.80	1.0000	3.0381	4.0381	33.5943	-0.7892	1.00000
-1.60	1.0000	3.0380	4.0381	33.1337	-0.5892	1.00000
-1.40	1.0001	3.0380	4.0381	32.6732	-0.3892	1.00000
-1.20	1.0001	3.0380	4.0381	32.2126	-0.1892	1.00000
-1.00	1.0001	3.0380	4.0381	31.7520	0.0108	1.00000
-0.80	1.0002	3.0380	4.0382	31.2914	0.2109	1.00000
-0.60	1.0004	3.0379	4.0383	30.8307	0.4109	1.00000
-0.40	1.0006	3.0379	4.0385	30.3700	0.6110	1.00000
-0.20	1.0009	3.0379	4.0389	29.9091	0.8112	1.00000
0.0	1.0015	3.0380	4.0394	29.4481	1.0114	1.00000
0.20	1.0023	3.0380	4.0402	28.9867	1.2117	1.00000
0.40	1.0036	3.0380	4.0416	28.5249	1.4123	1.00000
0.60	1.0058	3.0379	4.0437	28.0622	1.6132	1.00000
0.80	1.0091	3.0380	4.0471	27.5984	1.8147	1.00000
1.00	1.0145	3.0376	4.0522	27.1322	2.0170	1.00000
1.20	1.0232	3.0373	4.0605	26.6627	2.2207	1.00000
1.40	1.0370	3.0377	4.0746	26.1890	2.4265	1.00000
1.60	1.0591	3.0388	4.0980	25.7079	2.6357	1.00000
1.80	1.0954	3.0412	4.1366	25.2149	2.8503	1.00000
2.00	1.1562	3.0459	4.2021	24.7024	3.0738	1.00000
2.20	1.2614	3.0559	4.3173	24.1580	3.3116	1.00000
2.40	1.4532	3.0787	4.5320	23.5604	3.5731	1.00000
2.60	1.8348	3.1382	4.9730	22.8735	3.8743	1.00000
2.80	2.6770	3.3087	5.9857	22.0312	4.2384	1.00000
3.00	4.7728	3.8060	8.5788	20.8973	4.6895	1.00000

T= 2900						
LOG RH0	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	1.0034	3.1859	4.1893	45.8294	-5.9725	1.00344
-6.80	1.0027	3.1593	4.1611	45.3399	-5.7728	1.00273
-6.60	1.0022	3.1364	4.1386	44.8563	-5.5731	1.00217
-6.40	1.0017	3.1190	4.1207	44.3775	-5.3732	1.00173
-6.20	1.0014	3.1052	4.1055	43.9025	-5.1734	1.00137
-6.00	1.0011	3.0942	4.0953	43.4304	-4.9735	1.00109
-5.80	1.0009	3.0855	4.0863	42.9607	-4.7736	1.00087
-5.60	1.0007	3.0785	4.0792	42.4929	-4.5737	1.00059
-5.40	1.0005	3.0730	4.0735	42.0266	-4.3738	1.00055
-5.20	1.0004	3.0686	4.0691	41.5614	-4.1738	1.00043

T= 2900						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0003	3.0651	4.0655	41.0973	-3.9738	1.00034
-4.80	1.0003	3.0624	4.0627	40.6338	-3.7739	1.00027
-4.60	1.0002	3.0602	4.0604	40.1710	-3.5739	1.00022
-4.40	1.0002	3.0584	4.0586	39.7087	-3.3739	1.00017
-4.20	1.0001	3.0571	4.0572	39.2467	-3.1739	1.00014
-4.00	1.0001	3.0560	4.0561	38.7850	-2.9739	1.00011
-3.80	1.0001	3.0551	4.0552	38.3236	-2.7740	1.00009
-3.60	1.0001	3.0544	4.0545	37.8623	-2.5740	1.00007
-3.40	1.0001	3.0538	4.0539	37.4012	-2.3740	1.00005
-3.20	1.0000	3.0534	4.0534	36.9403	-2.1740	1.00004
-3.00	1.0000	3.0530	4.0531	36.4794	-1.9740	1.00003
-2.80	1.0000	3.0528	4.0528	36.0186	-1.7740	1.00003
-2.60	1.0000	3.0525	4.0526	35.5578	-1.5740	1.00002
-2.40	1.0000	3.0524	4.0524	35.0971	-1.3740	1.00002
-2.20	1.0000	3.0522	4.0523	34.6364	-1.1740	1.00001
-2.00	1.0000	3.0521	4.0522	34.1758	-0.9740	1.00001
-1.80	1.0000	3.0520	4.0521	33.7152	-0.7740	1.00001
-1.60	1.0000	3.0520	4.0520	33.2546	-0.5740	1.00001
-1.40	1.0001	3.0519	4.0520	32.7940	-0.3740	1.00001
-1.20	1.0001	3.0519	4.0520	32.3334	-0.1740	1.00000
-1.00	1.0001	3.0518	4.0520	31.8728	0.0261	1.00000
-0.80	1.0002	3.0518	4.0521	31.4122	0.2261	1.00000
-0.60	1.0004	3.0518	4.0522	30.9515	0.4262	1.00000
-0.40	1.0006	3.0518	4.0524	30.4907	0.6262	1.00000
-0.20	1.0009	3.0518	4.0527	30.0299	0.8264	1.00000
0.0	1.0015	3.0518	4.0533	29.5688	1.0266	1.00000
0.20	1.0023	3.0518	4.0541	29.1075	1.2270	1.00000
0.40	1.0036	3.0518	4.0555	28.6456	1.4276	1.00000
0.60	1.0058	3.0518	4.0576	28.1829	1.6285	1.00000
0.80	1.0091	3.0519	4.0610	27.7191	1.8299	1.00000
1.00	1.0146	3.0515	4.0651	27.2529	2.0323	1.00000
1.20	1.0232	3.0512	4.0744	26.7835	2.2359	1.00000
1.40	1.0369	3.0516	4.0885	26.3098	2.4417	1.00000
1.60	1.0590	3.0528	4.1118	25.8288	2.6509	1.00000
1.80	1.0952	3.0552	4.1504	25.3359	2.8655	1.00000
2.00	1.1557	3.0600	4.2157	24.8237	3.0888	1.00000
2.20	1.2603	3.0702	4.3304	24.2798	3.3264	1.00000
2.40	1.4506	3.0930	4.5436	23.6830	3.5875	1.00000
2.60	1.8276	3.1518	4.9794	22.9974	3.8879	1.00000
2.80	2.6562	3.3179	5.9741	22.1567	4.2502	1.00000
3.00	4.7109	3.7987	8.5096	21.0235	4.6991	1.00000

T= 3000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	1.0066	3.3126	4.3191	46.0665	-5.9564	1.00658
-6.80	1.0052	3.2617	4.2669	45.5524	-5.7570	1.00523
-6.60	1.0042	3.2212	4.2254	45.0492	-5.5575	1.00416
-6.40	1.0033	3.1891	4.1924	44.5548	-5.3578	1.00330
-6.20	1.0026	3.1635	4.1661	44.0674	-5.1581	1.00262
-6.00	1.0021	3.1432	4.1453	43.5855	-4.9584	1.00209
-5.80	1.0017	3.1270	4.1287	43.1080	-4.7586	1.00166
-5.60	1.0013	3.1142	4.1155	42.6339	-4.5587	1.00132
-5.40	1.0010	3.1040	4.1050	42.1627	-4.3588	1.00105
-5.20	1.0008	3.0959	4.0967	41.6936	-4.1589	1.00083

T= 3000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0007	3.0895	4.0901	41.2263	-3.9590	1.00066
-4.80	1.0005	3.0844	4.0849	40.7604	-3.7590	1.00052
-4.60	1.0004	3.0803	4.0807	40.2956	-3.5591	1.00042
-4.40	1.0003	3.0771	4.0774	39.8317	-3.3591	1.00033
-4.20	1.0003	3.0745	4.0748	39.3685	-3.1592	1.00026
-4.00	1.0002	3.0725	4.0727	38.9058	-2.9592	1.00021
-3.80	1.0002	3.0708	4.0710	38.4436	-2.7592	1.00017
-3.60	1.0001	3.0696	4.0697	37.9817	-2.5592	1.00013
-3.40	1.0001	3.0685	4.0686	37.5201	-2.3592	1.00010
-3.20	1.0001	3.0677	4.0678	37.0588	-2.1592	1.00008
-3.00	1.0001	3.0671	4.0671	36.5976	-1.9592	1.00007
-2.80	1.0000	3.0666	4.0666	36.1365	-1.7593	1.00005
-2.60	1.0000	3.0662	4.0662	35.6756	-1.5593	1.00004
-2.40	1.0000	3.0658	4.0659	35.2147	-1.3593	1.00003
-2.20	1.0000	3.0656	4.0656	34.7539	-1.1593	1.00003
-2.00	1.0000	3.0654	4.0654	34.2932	-0.9593	1.00002
-1.80	1.0000	3.0652	4.0653	33.8325	-0.7593	1.00002
-1.60	1.0000	3.0651	4.0651	33.3718	-0.5593	1.00001
-1.40	1.0001	3.0650	4.0651	32.9112	-0.3592	1.00001
-1.20	1.0001	3.0649	4.0650	32.4505	-0.1592	1.00001
-1.00	1.0001	3.0648	4.0650	31.9899	0.0408	1.00001
-0.80	1.0002	3.0648	4.0650	31.5293	0.2408	1.00001
-0.60	1.0004	3.0648	4.0651	31.0686	0.4409	1.00000
-0.40	1.0006	3.0647	4.0653	30.6078	0.6410	1.00000
-0.20	1.0009	3.0647	4.0657	30.1469	0.8411	1.00000
0.0	1.0015	3.0647	4.0662	29.6859	1.0413	1.00000
0.20	1.0023	3.0648	4.0670	29.2245	1.2417	1.00000
0.40	1.0036	3.0648	4.0684	28.7627	1.4423	1.00000
0.60	1.0058	3.0647	4.0705	28.3000	1.6432	1.00000
0.80	1.0091	3.0648	4.0740	27.8362	1.8447	1.00000
1.00	1.0146	3.0645	4.0791	27.3701	2.0470	1.00000
1.20	1.0232	3.0642	4.0874	26.9006	2.2507	1.00000
1.40	1.0368	3.0646	4.1015	26.4270	2.4564	1.00000
1.60	1.0589	3.0658	4.1247	25.9460	2.6655	1.00000
1.80	1.0949	3.0683	4.1632	25.4533	2.8801	1.00000
2.00	1.1552	3.0732	4.2284	24.9413	3.1034	1.00000
2.20	1.2592	3.0834	4.3426	24.3978	3.3408	1.00000
2.40	1.4481	3.1062	4.5543	23.8018	3.6015	1.00000
2.60	1.8208	3.1641	4.9849	23.1173	3.9010	1.00000
2.80	2.6366	3.3261	5.9627	22.2779	4.2617	1.00000
3.00	4.6531	3.7913	8.4445	21.1452	4.7084	1.00000

T= 3100						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	1.0120	3.5172	4.5292	46.3823	-5.9398	1.01205
-6.80	1.0096	3.4273	4.4368	45.8269	-5.7409	1.00958
-6.60	1.0076	3.3557	4.3633	45.2908	-5.5417	1.00762
-6.40	1.0061	3.2987	4.3047	44.7702	-5.3424	1.00606
-6.20	1.0048	3.2534	4.2582	44.2619	-5.1429	1.00481
-6.00	1.0038	3.2173	4.2212	43.7633	-4.9434	1.00383
-5.80	1.0030	3.1887	4.1917	43.2726	-4.7437	1.00304
-5.60	1.0024	3.1659	4.1683	42.7880	-4.5440	1.00242
-5.40	1.0019	3.1478	4.1497	42.3084	-4.3442	1.00192
-5.20	1.0015	3.1334	4.1349	41.8327	-4.1444	1.00153

T= 3100						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0012	3.1220	4.1232	41.3601	-3.9445	1.00121
-4.80	1.0010	3.1129	4.1139	40.8900	-3.7446	1.00096
-4.60	1.0008	3.1057	4.1064	40.4219	-3.5447	1.00076
-4.40	1.0006	3.0999	4.1006	39.9554	-3.3448	1.00061
-4.20	1.0005	3.0954	4.0959	39.4900	-3.1448	1.00048
-4.00	1.0004	3.0918	4.0922	39.0257	-2.9449	1.00038
-3.80	1.0003	3.0889	4.0892	38.5621	-2.7449	1.00030
-3.60	1.0002	3.0866	4.0869	38.0992	-2.5449	1.00024
-3.40	1.0002	3.0848	4.0850	37.6368	-2.3449	1.00019
-3.20	1.0001	3.0834	4.0835	37.1748	-2.1450	1.00015
-3.00	1.0001	3.0822	4.0823	36.7130	-1.9450	1.00012
-2.80	1.0001	3.0813	4.0814	36.2516	-1.7450	1.00010
-2.60	1.0001	3.0806	4.0807	35.7903	-1.5450	1.00008
-2.40	1.0001	3.0800	4.0801	35.3292	-1.3450	1.00006
-2.20	1.0001	3.0796	4.0796	34.8681	-1.1450	1.00005
-2.00	1.0000	3.0792	4.0792	34.4072	-0.9450	1.00004
-1.80	1.0000	3.0789	4.0790	33.9464	-0.7450	1.00003
-1.60	1.0001	3.0787	4.0787	33.4856	-0.5450	1.00002
-1.40	1.0001	3.0785	4.0786	33.0249	-0.3450	1.00002
-1.20	1.0001	3.0784	4.0785	32.5642	-0.1450	1.00002
-1.00	1.0002	3.0782	4.0784	32.1035	0.0550	1.00001
-0.90	1.0002	3.0782	4.0784	31.6428	0.2551	1.00001
-0.60	1.0004	3.0781	4.0785	31.1821	0.4551	1.00001
-0.40	1.0006	3.0780	4.0786	30.7213	0.6552	1.00001
-0.20	1.0009	3.0780	4.0790	30.2604	0.8554	1.00000
0.0	1.0015	3.0780	4.0795	29.7994	1.0556	1.00000
0.20	1.0023	3.0780	4.0803	29.3381	1.2559	1.00000
0.40	1.0036	3.0781	4.0817	28.8763	1.4565	1.00000
0.60	1.0058	3.0780	4.0838	28.4135	1.6574	1.00000
0.80	1.0091	3.0781	4.0872	27.9497	1.8589	1.00000
1.00	1.0146	3.0778	4.0925	27.4836	2.0613	1.00000
1.20	1.0232	3.0775	4.1007	27.0142	2.2649	1.00000
1.40	1.0368	3.0779	4.1147	26.5405	2.4706	1.00000
1.60	1.0588	3.0792	4.1379	26.0596	2.6797	1.00000
1.80	1.0947	3.0817	4.1764	25.5670	2.8942	1.00000
2.00	1.1547	3.0866	4.2413	25.0552	3.1174	1.00000
2.20	1.2581	3.0969	4.3550	24.5121	3.3547	1.00000
2.40	1.4456	3.1196	4.5652	23.9167	3.6150	1.00000
2.60	1.8143	3.1766	4.9910	23.2333	3.9137	1.00000
2.80	2.6183	3.3345	5.9527	22.3950	4.2730	1.00000
3.00	4.5991	3.7850	8.3842	21.2627	4.7176	1.00000

T= 3200						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	1.0212	3.8382	4.8594	46.8199	-5.9221	1.02120
-6.80	1.0169	3.6855	4.7024	46.1980	-5.7240	1.01688
-6.60	1.0134	3.5638	4.5772	45.6089	-5.5255	1.01343
-6.40	1.0107	3.4668	4.4775	45.0458	-5.3266	1.01068
-6.20	1.0085	3.3995	4.3980	44.5036	-5.1276	1.00849
-6.00	1.0067	3.3281	4.3348	43.9782	-4.9283	1.00675
-5.80	1.0054	3.2791	4.2845	43.4660	-4.7289	1.00537
-5.60	1.0043	3.2402	4.2445	42.9643	-4.5294	1.00427
-5.40	1.0034	3.2093	4.2127	42.4711	-4.3298	1.00339
-5.20	1.0027	3.1847	4.1874	41.9846	-4.1301	1.00269

T= 3200						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0021	3.1652	4.1673	41.5035	-3.9303	1.00214
-4.80	1.0017	3.1497	4.1514	41.0265	-3.7305	1.00170
-4.60	1.0013	3.1373	4.1387	40.5530	-3.5307	1.00135
-4.40	1.0011	3.1275	4.1286	40.0821	-3.3308	1.00107
-4.20	1.0008	3.1197	4.1206	39.6133	-3.1309	1.00085
-4.00	1.0007	3.1135	4.1142	39.1463	-2.9310	1.00068
-3.80	1.0005	3.1086	4.1091	38.6806	-2.7310	1.00054
-3.60	1.0004	3.1047	4.1051	38.2159	-2.5311	1.00043
-3.40	1.0003	3.1016	4.1019	37.7521	-2.3311	1.00034
-3.20	1.0003	3.0991	4.0994	37.2890	-2.1311	1.00027
-3.00	1.0002	3.0972	4.0974	36.8264	-1.9312	1.00021
-2.80	1.0002	3.0956	4.0958	36.3643	-1.7312	1.00017
-2.60	1.0001	3.0944	4.0945	35.9024	-1.5312	1.00014
-2.40	1.0001	3.0934	4.0935	35.4409	-1.3312	1.00011
-2.20	1.0001	3.0926	4.0927	34.9795	-1.1312	1.00009
-2.00	1.0001	3.0920	4.0921	34.5184	-0.9312	1.00007
-1.80	1.0001	3.0915	4.0916	34.0573	-0.7312	1.00005
-1.60	1.0001	3.0911	4.0912	33.5964	-0.5312	1.00004
-1.40	1.0001	3.0908	4.0909	33.1355	-0.3312	1.00003
-1.20	1.0001	3.0906	4.0907	32.6747	-0.1312	1.00003
-1.00	1.0002	3.0904	4.0905	32.2139	0.0688	1.00002
-0.80	1.0002	3.0902	4.0905	31.7531	0.2689	1.00002
-0.60	1.0004	3.0901	4.0905	31.2924	0.4689	1.00001
-0.40	1.0006	3.0900	4.0906	30.8315	0.6690	1.00001
-0.20	1.0009	3.0900	4.0909	30.3706	0.8692	1.00001
0.0	1.0015	3.0899	4.0914	29.9095	1.0694	1.00001
0.20	1.0023	3.0899	4.0922	29.4481	1.2697	1.00001
0.40	1.0036	3.0900	4.0936	28.9863	1.4703	1.00000
0.60	1.0058	3.0899	4.0957	28.5236	1.6712	1.00000
0.80	1.0091	3.0900	4.0991	28.0598	1.8727	1.00000
1.00	1.0147	3.0898	4.1045	27.5937	2.0751	1.00000
1.20	1.0232	3.0894	4.1126	27.1243	2.2787	1.00000
1.40	1.0367	3.0899	4.1266	26.6507	2.4844	1.00000
1.60	1.0586	3.0911	4.1498	26.1698	2.6935	1.00000
1.80	1.0944	3.0937	4.1881	25.6773	2.9079	1.00000
2.00	1.1542	3.0986	4.2529	25.1657	3.1310	1.00000
2.20	1.2571	3.1089	4.3660	24.6229	3.3681	1.00000
2.40	1.4433	3.1315	4.5748	24.0281	3.6281	1.00000
2.60	1.8082	3.1876	4.9958	23.3456	3.9260	1.00000
2.80	2.6010	3.3415	5.9424	22.5083	4.2839	1.00000
3.00	4.5485	3.7781	8.3266	21.3761	4.7266	1.00000

T= 3300						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	1.0359	4.3309	5.3668	47.4378	-5.9026	1.03592
-6.80	1.0286	4.0816	5.1103	46.7132	-5.7056	1.02864
-6.60	1.0228	3.8823	4.9052	46.0416	-5.5081	1.02282
-6.40	1.0182	3.7232	4.7413	45.4125	-5.3101	1.01817
-6.20	1.0145	3.5962	4.6107	44.8176	-5.1116	1.01446
-6.00	1.0115	3.4950	4.5065	44.2499	-4.9129	1.01150
-5.80	1.0091	3.4144	4.4235	43.7040	-4.7139	1.00915
-5.60	1.0073	3.3502	4.3575	43.1756	-4.5147	1.00727
-5.40	1.0058	3.2992	4.3050	42.6610	-4.3154	1.00578
-5.20	1.0046	3.2586	4.2632	42.1575	-4.1159	1.00460

T= 3300						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0036	3.2263	4.2299	41.6628	-3.9163	1.00365
-4.80	1.0029	3.2006	4.2035	41.1751	-3.7166	1.00290
-4.60	1.0023	3.1802	4.1825	40.6930	-3.5169	1.00231
-4.40	1.0018	3.1640	4.1658	40.2153	-3.3171	1.00183
-4.20	1.0015	3.1511	4.1526	39.7412	-3.1172	1.00146
-4.00	1.0012	3.1409	4.1420	39.2698	-2.9174	1.00116
-3.80	1.0009	3.1327	4.1337	38.8007	-2.7175	1.00092
-3.60	1.0007	3.1263	4.1270	38.3333	-2.5176	1.00073
-3.40	1.0006	3.1211	4.1217	37.8674	-2.3176	1.00058
-3.20	1.0005	3.1171	4.1175	37.4025	-2.1177	1.00046
-3.00	1.0004	3.1138	4.1142	36.9386	-1.9177	1.00037
-2.80	1.0003	3.1112	4.1115	36.4754	-1.7178	1.00029
-2.60	1.0002	3.1092	4.1094	36.0127	-1.5178	1.00023
-2.40	1.0002	3.1076	4.1078	35.5504	-1.3178	1.00018
-2.20	1.0001	3.1063	4.1064	35.0885	-1.1178	1.00015
-2.00	1.0001	3.1053	4.1054	34.6269	-0.9178	1.00012
-1.80	1.0001	3.1044	4.1046	34.1656	-0.7178	1.00009
-1.60	1.0001	3.1038	4.1039	33.7043	-0.5178	1.00007
-1.40	1.0001	3.1033	4.1034	33.2433	-0.3178	1.00006
-1.20	1.0001	3.1029	4.1030	32.7823	-0.1178	1.00005
-1.00	1.0002	3.1026	4.1027	32.3214	0.0822	1.00004
-0.80	1.0003	3.1023	4.1026	31.8605	0.2822	1.00003
-0.60	1.0004	3.1021	4.1025	31.3996	0.4823	1.00002
-0.40	1.0006	3.1020	4.1026	30.9387	0.6824	1.00002
-0.20	1.0009	3.1018	4.1028	30.4778	0.8825	1.00001
0.0	1.0015	3.1018	4.1032	30.0166	1.0827	1.00001
0.20	1.0023	3.1017	4.1040	29.5552	1.2831	1.00001
0.40	1.0036	3.1018	4.1054	29.0934	1.4837	1.00001
0.60	1.0058	3.1017	4.1075	28.6307	1.6846	1.00001
0.80	1.0091	3.1018	4.1109	28.1669	1.8860	1.00000
1.00	1.0147	3.1017	4.1164	27.7008	2.0884	1.00000
1.20	1.0232	3.1013	4.1245	27.2314	2.2920	1.00000
1.40	1.0367	3.1018	4.1385	26.7578	2.4977	1.00000
1.60	1.0585	3.1030	4.1615	26.2770	2.7068	1.00000
1.80	1.0942	3.1056	4.1998	25.7846	2.9212	1.00000
2.00	1.1538	3.1106	4.2643	25.2732	3.1442	1.00000
2.20	1.2561	3.1208	4.3770	24.7307	3.3811	1.00000
2.40	1.4411	3.1432	4.5843	24.1364	3.6408	1.00000
2.60	1.8024	3.1985	5.0008	23.4547	3.9379	1.00000
2.80	2.5847	3.3484	5.9331	22.6181	4.2945	1.00000
3.00	4.5009	3.7719	8.2728	21.4860	4.7354	1.00000

T= 3400						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	1.0587	5.0638	6.1225	48.3096	-5.8801	1.05874
-6.80	1.0469	4.6723	5.7192	47.4333	-5.6850	1.04695
-6.60	1.0375	4.3577	5.3952	46.6389	-5.4889	1.03748
-6.40	1.0299	4.1056	5.1355	45.9108	-5.2921	1.02989
-6.20	1.0238	3.9039	4.9277	45.2363	-5.0947	1.02382
-6.00	1.0190	3.7428	4.7618	44.6049	-4.8968	1.01896
-5.80	1.0151	3.6142	4.6293	44.0080	-4.6984	1.01509
-5.60	1.0120	3.5118	4.5238	43.4388	-4.4997	1.01201
-5.40	1.0095	3.4302	4.4397	42.8917	-4.3008	1.00955
-5.20	1.0076	3.3652	4.3728	42.3623	-4.1016	1.00759

T= 3400						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0060	3.3135	4.3195	41.8469	-3.9023	1.00604
-4.80	1.0048	3.2723	4.2771	41.3428	-3.7028	1.00480
-4.60	1.0038	3.2396	4.2434	40.8476	-3.5033	1.00381
-4.40	1.0030	3.2136	4.2166	40.3595	-3.3036	1.00303
-4.20	1.0024	3.1929	4.1954	39.8771	-3.1039	1.00241
-4.00	1.0019	3.1765	4.1784	39.3991	-2.9041	1.00191
-3.80	1.0015	3.1635	4.1650	38.9248	-2.7043	1.00152
-3.60	1.0012	3.1531	4.1543	38.4533	-2.5044	1.00121
-3.40	1.0010	3.1448	4.1458	37.9840	-2.3045	1.00096
-3.20	1.0008	3.1383	4.1391	37.5165	-2.1046	1.00076
-3.00	1.0006	3.1331	4.1337	37.0505	-1.9047	1.00061
-2.80	1.0005	3.1290	4.1294	36.5856	-1.7047	1.00048
-2.60	1.0004	3.1257	4.1261	36.1216	-1.5047	1.00038
-2.40	1.0003	3.1231	4.1234	35.6583	-1.3048	1.00030
-2.20	1.0002	3.1210	4.1212	35.1956	-1.1048	1.00024
-2.00	1.0002	3.1194	4.1196	34.7333	-0.9048	1.00019
-1.80	1.0002	3.1180	4.1182	34.2714	-0.7048	1.00015
-1.60	1.0002	3.1170	4.1172	33.8098	-0.5048	1.00012
-1.40	1.0001	3.1162	4.1163	33.3484	-0.3048	1.00010
-1.20	1.0002	3.1155	4.1157	32.8871	-0.1048	1.00008
-1.00	1.0002	3.1150	4.1152	32.4260	0.0952	1.00006
-0.80	1.0003	3.1146	4.1149	31.9650	0.2952	1.00005
-0.60	1.0004	3.1143	4.1147	31.5040	0.4953	1.00004
-0.40	1.0006	3.1140	4.1147	31.0430	0.6953	1.00003
-0.20	1.0009	3.1138	4.1148	30.5819	0.8955	1.00002
0.0	1.0015	3.1137	4.1152	30.1207	1.0957	1.00002
0.20	1.0023	3.1136	4.1159	29.6592	1.2960	1.00002
0.40	1.0036	3.1136	4.1172	29.1974	1.4966	1.00001
0.60	1.0058	3.1136	4.1194	28.7347	1.6976	1.00001
0.80	1.0091	3.1138	4.1229	28.2710	1.8990	1.00001
1.00	1.0148	3.1136	4.1284	27.8049	2.1014	1.00001
1.20	1.0231	3.1133	4.1365	27.3355	2.3050	1.00000
1.40	1.0366	3.1138	4.1504	26.8619	2.5107	1.00000
1.60	1.0584	3.1150	4.1734	26.3812	2.7197	1.00000
1.80	1.0940	3.1176	4.2116	25.8888	2.9341	1.00000
2.00	1.1533	3.1226	4.2759	25.3776	3.1570	1.00000
2.20	1.2552	3.1328	4.3880	24.8354	3.3938	1.00000
2.40	1.4389	3.1550	4.5939	24.2416	3.6531	1.00000
2.60	1.7969	3.2093	5.0061	23.5605	3.9496	1.00000
2.80	2.5694	3.3555	5.9249	22.7247	4.3049	1.00000
3.00	4.4562	3.7665	8.2227	21.5926	4.7440	1.00000

T= 3500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	1.0927	6.1118	7.2045	49.5193	-5.8538	1.09267
-6.80	1.0743	5.5210	6.5953	48.4296	-5.6612	1.07435
-6.60	1.0595	5.0430	6.1025	47.4604	-5.4672	1.05953
-6.40	1.0476	4.6578	5.7054	46.5901	-5.2721	1.04759
-6.20	1.0380	4.3483	5.3862	45.8005	-5.0761	1.03799
-6.00	1.0303	4.1002	5.1305	45.0762	-4.8794	1.03030
-5.80	1.0241	3.9017	4.9258	44.4047	-4.6820	1.02414
-5.60	1.0192	3.7431	4.7623	43.7757	-4.4841	1.01922
-5.40	1.0153	3.6166	4.6319	43.1807	-4.2857	1.01530
-5.20	1.0122	3.5157	4.5279	42.6130	-4.0871	1.01217

T= 3500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0097	3.4353	4.4450	42.0671	-3.8881	1.00968
-4.80	1.0077	3.3714	4.3791	41.5387	-3.6890	1.00770
-4.60	1.0061	3.3205	4.3266	41.0241	-3.4897	1.00612
-4.40	1.0049	3.2800	4.2848	40.5205	-3.2902	1.00486
-4.20	1.0039	3.2478	4.2516	40.0258	-3.0907	1.00387
-4.00	1.0031	3.2222	4.2252	39.5381	-2.8910	1.00307
-3.80	1.0024	3.2018	4.2043	39.0560	-2.6913	1.00244
-3.60	1.0019	3.1856	4.1876	38.5783	-2.4915	1.00194
-3.40	1.0015	3.1729	4.1743	38.1041	-2.2917	1.00154
-3.20	1.0012	3.1626	4.1638	37.6328	-2.0918	1.00122
-3.00	1.0010	3.1545	4.1554	37.1636	-1.8919	1.00097
-2.80	1.0008	3.1480	4.1488	36.6962	-1.6920	1.00077
-2.60	1.0006	3.1429	4.1435	36.2303	-1.4921	1.00061
-2.40	1.0005	3.1388	4.1393	35.7654	-1.2921	1.00049
-2.20	1.0004	3.1356	4.1360	35.3015	-1.0922	1.00039
-2.00	1.0003	3.1330	4.1333	34.8382	-0.8922	1.00031
-1.80	1.0003	3.1310	4.1312	34.3756	-0.6922	1.00024
-1.60	1.0002	3.1294	4.1296	33.9133	-0.4922	1.00019
-1.40	1.0002	3.1281	4.1283	33.4514	-0.2922	1.00015
-1.20	1.0002	3.1271	4.1273	32.9898	-0.0922	1.00012
-1.00	1.0002	3.1262	4.1265	32.5283	0.1078	1.00010
-0.80	1.0003	3.1256	4.1259	32.0671	0.3078	1.00008
-0.60	1.0004	3.1251	4.1255	31.6059	0.5078	1.00006
-0.40	1.0006	3.1247	4.1253	31.1447	0.7079	1.00005
-0.20	1.0010	3.1244	4.1254	30.6835	0.9081	1.00004
0.0	1.0015	3.1242	4.1257	30.2222	1.1083	1.00003
0.20	1.0023	3.1240	4.1263	29.7607	1.3086	1.00002
0.40	1.0036	3.1239	4.1275	29.2987	1.5092	1.00002
0.60	1.0058	3.1239	4.1297	28.8361	1.7101	1.00002
0.80	1.0091	3.1242	4.1333	28.3725	1.9116	1.00001
1.00	1.0148	3.1241	4.1389	27.9064	2.1140	1.00001
1.20	1.0231	3.1238	4.1469	27.4370	2.3176	1.00001
1.40	1.0366	3.1242	4.1608	26.9634	2.5232	1.00001
1.60	1.0583	3.1255	4.1838	26.4827	2.7322	1.00000
1.80	1.0938	3.1281	4.2218	25.9904	2.9466	1.00000
2.00	1.1529	3.1330	4.2859	25.4793	3.1694	1.00000
2.20	1.2543	3.1432	4.3975	24.9374	3.4060	1.00000
2.40	1.4369	3.1652	4.6020	24.3440	3.6651	1.00000
2.60	1.7916	3.2185	5.0101	23.6636	3.9609	1.00000
2.80	2.5549	3.3612	5.9161	22.8283	4.3150	1.00000
3.00	4.4139	3.7607	8.1746	21.6964	4.7525	1.00000

T= 3600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	1.1411	7.5568	8.6980	51.1555	-5.8228	1.14112
-6.80	1.1139	6.7024	7.8163	49.7820	-5.6333	1.11386
-6.60	1.0916	6.0038	7.0954	48.5758	-5.4420	1.09157
-6.40	1.0735	5.4361	6.5096	47.5097	-5.2493	1.07346
-6.20	1.0588	4.9769	6.0358	46.5597	-5.0553	1.05881
-6.00	1.0470	4.6070	5.6540	45.7049	-4.8601	1.04701
-5.80	1.0375	4.3097	5.3473	44.9278	-4.6641	1.03752
-5.60	1.0299	4.0715	5.1015	44.2136	-4.4673	1.02992
-5.40	1.0238	3.8810	4.9048	43.5502	-4.2699	1.02384
-5.20	1.0190	3.7287	4.7477	42.9276	-4.0719	1.01899

T= 3600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0151	3.6072	4.6224	42.3378	-3.8736	1.01511
-4.80	1.0120	3.5104	4.5224	41.7742	-3.6749	1.01202
-4.60	1.0096	3.4333	4.4428	41.2316	-3.4760	1.00956
-4.40	1.0076	3.3719	4.3795	40.7058	-3.2768	1.00760
-4.20	1.0060	3.3230	4.3291	40.1933	-3.0775	1.00604
-4.00	1.0048	3.2842	4.2890	39.6914	-2.8780	1.00480
-3.80	1.0038	3.2532	4.2571	39.1980	-2.6784	1.00382
-3.60	1.0030	3.2287	4.2317	38.7113	-2.4788	1.00303
-3.40	1.0024	3.2091	4.2116	38.2300	-2.2790	1.00241
-3.20	1.0019	3.1936	4.1955	37.7530	-2.0793	1.00192
-3.00	1.0015	3.1813	4.1828	37.2794	-1.8794	1.00152
-2.80	1.0012	3.1715	4.1727	36.8084	-1.6796	1.00121
-2.60	1.0010	3.1637	4.1647	36.3396	-1.4797	1.00096
-2.40	1.0008	3.1575	4.1583	35.8725	-1.2798	1.00076
-2.20	1.0006	3.1526	4.1532	35.4068	-1.0798	1.00061
-2.00	1.0005	3.1487	4.1492	34.9421	-0.8799	1.00048
-1.80	1.0004	3.1456	4.1460	34.4783	-0.6799	1.00038
-1.60	1.0003	3.1431	4.1435	34.0151	-0.4799	1.00030
-1.40	1.0003	3.1412	4.1415	33.5525	-0.2800	1.00024
-1.20	1.0003	3.1396	4.1399	33.0903	-0.0800	1.00019
-1.00	1.0003	3.1384	4.1387	32.6284	0.1200	1.00015
-0.80	1.0003	3.1374	4.1378	32.1668	0.3201	1.00012
-0.60	1.0005	3.1366	4.1371	31.7053	0.5201	1.00010
-0.40	1.0007	3.1360	4.1367	31.2439	0.7202	1.00008
-0.20	1.0010	3.1356	4.1365	30.7826	0.9203	1.00006
0.0	1.0015	3.1352	4.1367	30.3211	1.1205	1.00005
0.20	1.0023	3.1349	4.1372	29.8594	1.3209	1.00004
0.40	1.0036	3.1347	4.1383	29.3974	1.5215	1.00003
0.60	1.0058	3.1348	4.1405	28.9348	1.7224	1.00002
0.80	1.0091	3.1351	4.1442	28.4713	1.9238	1.00002
1.00	1.0148	3.1350	4.1498	28.0052	2.1263	1.00002
1.20	1.0231	3.1347	4.1578	27.5358	2.3298	1.00001
1.40	1.0365	3.1351	4.1717	27.0622	2.5355	1.00001
1.60	1.0582	3.1364	4.1946	26.5816	2.7444	1.00001
1.80	1.0935	3.1389	4.2325	26.0893	2.9587	1.00001
2.00	1.1525	3.1439	4.2964	25.5783	3.1815	1.00000
2.20	1.2534	3.1540	4.4074	25.0366	3.4180	1.00000
2.40	1.4349	3.1757	4.6106	24.4436	3.6767	1.00000
2.60	1.7866	3.2281	5.0147	23.7637	3.9719	1.00000
2.80	2.5412	3.3673	5.9085	22.9290	4.3249	1.00000
3.00	4.3741	3.7559	8.1300	21.7973	4.7608	1.00000

T= 3700						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	1.2070	9.4542	10.6612	53.2851	-5.7865	1.20700
-6.80	1.1684	8.2767	9.4451	51.5610	-5.6006	1.16838
-6.60	1.1363	7.2987	8.4351	50.0525	-5.4127	1.13631
-6.40	1.1099	6.4941	7.6040	48.7308	-5.2229	1.10991
-6.20	1.0884	5.8369	6.9252	47.5676	-5.0314	1.08836
-6.00	1.0709	5.3032	6.3741	46.5370	-4.8385	1.07086
-5.80	1.0567	4.8719	5.9286	45.6159	-4.6442	1.05671
-5.60	1.0453	4.5246	5.5699	44.7846	-4.4489	1.04532
-5.40	1.0362	4.2456	5.2818	44.0265	-4.2528	1.03617
-5.20	1.0288	4.0222	5.0510	43.3276	-4.0558	1.02884

T= 3700						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0230	3.8434	4.8664	42.6765	-3.8583	1.02298
-4.80	1.0183	3.7007	4.7190	42.0637	-3.6603	1.01829
-4.60	1.0146	3.5868	4.6014	41.4818	-3.4619	1.01456
-4.40	1.0116	3.4960	4.5076	40.9245	-3.2632	1.01158
-4.20	1.0092	3.4237	4.4330	40.3869	-3.0642	1.00921
-4.00	1.0073	3.3662	4.3735	39.8651	-2.8650	1.00732
-3.80	1.0058	3.3204	4.3262	39.3558	-2.6657	1.00582
-3.60	1.0046	3.2840	4.2886	38.8564	-2.4662	1.00463
-3.40	1.0037	3.2550	4.2587	38.3651	-2.2666	1.00368
-3.20	1.0029	3.2320	4.2349	37.8800	-2.0669	1.00292
-3.00	1.0023	3.2137	4.2160	37.4000	-1.8672	1.00232
-2.80	1.0018	3.1991	4.2010	36.9240	-1.6674	1.00184
-2.60	1.0015	3.1876	4.1890	36.4511	-1.4676	1.00147
-2.40	1.0012	3.1784	4.1796	35.9808	-1.2677	1.00116
-2.20	1.0009	3.1711	4.1720	35.5125	-1.0678	1.00092
-2.00	1.0007	3.1653	4.1661	35.0458	-0.8679	1.00073
-1.80	1.0006	3.1607	4.1613	34.5804	-0.6679	1.00058
-1.60	1.0005	3.1570	4.1575	34.1160	-0.4680	1.00046
-1.40	1.0004	3.1541	4.1546	33.6523	-0.2680	1.00037
-1.20	1.0004	3.1518	4.1522	33.1893	-0.0680	1.00029
-1.00	1.0004	3.1500	4.1504	32.7268	0.1320	1.00023
-0.80	1.0004	3.1485	4.1490	32.2646	0.3320	1.00018
-0.60	1.0005	3.1474	4.1479	31.8028	0.5320	1.00015
-0.40	1.0007	3.1465	4.1472	31.3411	0.7321	1.00012
-0.20	1.0010	3.1458	4.1468	30.8795	0.9322	1.00009
0.0	1.0015	3.1452	4.1468	30.4178	1.1324	1.00007
0.20	1.0023	3.1448	4.1471	29.9560	1.3328	1.00006
0.40	1.0036	3.1445	4.1481	29.4938	1.5334	1.00005
0.60	1.0057	3.1445	4.1502	29.0311	1.7343	1.00004
0.80	1.0090	3.1448	4.1539	28.5676	1.9357	1.00003
1.00	1.0149	3.1447	4.1595	28.1016	2.1382	1.00002
1.20	1.0231	3.1444	4.1675	27.6321	2.3417	1.00002
1.40	1.0365	3.1448	4.1813	27.1586	2.5473	1.00001
1.60	1.0581	3.1461	4.2042	26.6779	2.7563	1.00001
1.80	1.0933	3.1486	4.2420	26.1858	2.9705	1.00001
2.00	1.1520	3.1536	4.3056	25.6749	3.1933	1.00001
2.20	1.2526	3.1636	4.4162	25.1333	3.4296	1.00001
2.40	1.4330	3.1851	4.6180	24.5406	3.6880	1.00000
2.60	1.7818	3.2365	5.0183	23.8612	3.9826	1.00000
2.80	2.5282	3.3724	5.9006	23.0270	4.3346	1.00000
3.00	4.3364	3.7505	8.0868	21.8952	4.7689	1.00000

T= 3800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	1.2921	11.8228	13.1150	55.9358	-5.7453	1.29213
-6.80	1.2404	10.2870	11.5273	53.9171	-5.5631	1.24038
-6.60	1.1964	8.9815	10.1779	51.9508	-5.3787	1.19639
-6.40	1.1595	7.8877	9.0472	50.3148	-5.1923	1.15954
-6.20	1.1290	6.9816	8.1106	48.8820	-5.0039	1.12900
-6.00	1.1039	6.2376	7.3416	47.6240	-4.8137	1.10394
-5.80	1.0835	5.6310	6.7145	46.5139	-4.6213	1.08350
-5.60	1.0669	5.1391	6.2060	45.5270	-4.4285	1.06692
-5.40	1.0535	4.7419	5.7954	44.6416	-4.2340	1.05354
-5.20	1.0428	4.4223	5.4650	43.8394	-4.0384	1.04277

T= 3800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0341	4.1658	5.1999	43.1048	-3.8420	1.03412
-4.80	1.0272	3.9604	4.9876	42.4248	-3.6450	1.02720
-4.60	1.0217	3.7962	4.8178	41.7889	-3.4473	1.02167
-4.40	1.0172	3.6651	4.6823	41.1883	-3.2492	1.01725
-4.20	1.0137	3.5605	4.5742	40.6161	-3.0507	1.01373
-4.00	1.0109	3.4772	4.4881	40.0666	-2.8519	1.01092
-3.80	1.0087	3.4108	4.4195	39.5352	-2.6529	1.00869
-3.60	1.0069	3.3580	4.3649	39.0183	-2.4536	1.00690
-3.40	1.0055	3.3160	4.3214	38.5130	-2.2542	1.00549
-3.20	1.0044	3.2825	4.2869	38.0168	-2.0547	1.00436
-3.00	1.0035	3.2560	4.2594	37.5279	-1.8551	1.00347
-2.80	1.0028	3.2348	4.2376	37.0448	-1.6554	1.00275
-2.60	1.0022	3.2180	4.2202	36.5664	-1.4557	1.00219
-2.40	1.0017	3.2047	4.2064	36.0916	-1.2559	1.00174
-2.20	1.0014	3.1941	4.1955	35.6198	-1.0560	1.00138
-2.00	1.0011	3.1857	4.1868	35.1502	-0.8561	1.00110
-1.80	1.0009	3.1790	4.1799	34.6826	-0.6562	1.00087
-1.60	1.0007	3.1736	4.1744	34.2164	-0.4563	1.00069
-1.40	1.0006	3.1694	4.1700	33.7513	-0.2563	1.00055
-1.20	1.0005	3.1661	4.1666	33.2872	-0.0564	1.00044
-1.00	1.0005	3.1634	4.1639	32.8238	0.1436	1.00035
-0.80	1.0005	3.1613	4.1618	32.3609	0.3436	1.00028
-0.60	1.0006	3.1596	4.1602	31.8985	0.5436	1.00022
-0.40	1.0007	3.1583	4.1591	31.4363	0.7437	1.00017
-0.20	1.0011	3.1573	4.1583	30.9744	0.9438	1.00014
0.0	1.0016	3.1565	4.1580	30.5124	1.1440	1.00011
0.20	1.0023	3.1558	4.1582	30.0504	1.3444	1.00009
0.40	1.0037	3.1554	4.1590	29.5880	1.5450	1.00007
0.60	1.0057	3.1552	4.1609	29.1252	1.7458	1.00005
0.80	1.0090	3.1554	4.1644	28.6616	1.9473	1.00004
1.00	1.0149	3.1553	4.1702	28.1956	2.1498	1.00003
1.20	1.0231	3.1550	4.1782	27.7261	2.3533	1.00003
1.40	1.0364	3.1555	4.1919	27.2526	2.5589	1.00002
1.60	1.0580	3.1567	4.2147	26.7720	2.7678	1.00002
1.80	1.0931	3.1592	4.2524	26.2799	2.9820	1.00001
2.00	1.1516	3.1642	4.3158	25.7691	3.2047	1.00001
2.20	1.2518	3.1741	4.4258	25.2277	3.4409	1.00001
2.40	1.4312	3.1953	4.6264	24.6353	3.6991	1.00001
2.60	1.7773	3.2457	5.0230	23.9563	3.9931	1.00000
2.80	2.5159	3.3783	5.8942	23.1223	4.3441	1.00000
3.00	4.3006	3.7464	8.0470	21.9905	4.7769	1.00000

T= 3900						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	1.3950	14.5826	15.9776	59.0375	-5.7007	1.39504
-6.80	1.3302	12.7075	14.0377	56.5353	-5.5214	1.33019
-6.60	1.2732	11.0602	12.3334	54.2888	-5.3404	1.27320
-6.40	1.2242	9.6438	10.8680	52.2976	-5.1575	1.22421
-6.20	1.1828	8.4463	9.6291	50.5462	-4.9724	1.18278
-6.00	1.1482	7.4473	8.5956	49.0108	-4.7853	1.14823
-5.80	1.1197	6.6225	7.7422	47.6640	-4.5962	1.11970
-5.60	1.0963	5.9471	7.0434	46.4784	-4.4054	1.09633
-5.40	1.0773	5.3974	6.4748	45.4284	-4.2130	1.07732
-5.20	1.0619	4.9525	6.0144	44.4910	-4.0192	1.06193

T= 3900						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0495	4.5936	5.6431	43.6461	-3.8243	1.04952
-4.80	1.0395	4.3052	5.3447	42.8767	-3.6285	1.03954
-4.60	1.0315	4.0739	5.1054	42.1686	-3.4318	1.03154
-4.40	1.0251	3.8888	4.9139	41.5100	-3.2346	1.02513
-4.20	1.0200	3.7408	4.7608	40.8912	-3.0367	1.02002
-4.00	1.0159	3.6228	4.6387	40.3044	-2.8385	1.01593
-3.80	1.0127	3.5287	4.5413	39.7432	-2.6399	1.01268
-3.60	1.0101	3.4537	4.4638	39.2024	-2.4410	1.01008
-3.40	1.0080	3.3940	4.4020	38.6781	-2.2419	1.00802
-3.20	1.0064	3.3464	4.3528	38.1667	-2.0426	1.00637
-3.00	1.0051	3.3086	4.3137	37.6658	-1.8431	1.00507
-2.80	1.0040	3.2786	4.2826	37.1731	-1.6436	1.00403
-2.60	1.0032	3.2547	4.2579	36.6871	-1.4439	1.00320
-2.40	1.0025	3.2357	4.2382	36.2062	-1.2442	1.00254
-2.20	1.0020	3.2206	4.2226	35.7296	-1.0445	1.00202
-2.00	1.0016	3.2086	4.2102	35.2562	-0.8446	1.00160
-1.80	1.0013	3.1991	4.2004	34.7855	-0.6448	1.00127
-1.60	1.0010	3.1915	4.1925	34.3168	-0.4449	1.00101
-1.40	1.0009	3.1855	4.1863	33.8499	-0.2450	1.00080
-1.20	1.0007	3.1807	4.1814	33.3842	-0.0450	1.00064
-1.00	1.0006	3.1769	4.1775	32.9196	0.1549	1.00051
-0.80	1.0006	3.1739	4.1745	32.4558	0.3549	1.00040
-0.60	1.0007	3.1715	4.1722	31.9926	0.5550	1.00032
-0.40	1.0008	3.1696	4.1704	31.5298	0.7550	1.00025
-0.20	1.0011	3.1681	4.1692	31.0674	0.9551	1.00020
0.0	1.0016	3.1670	4.1686	30.6051	1.1553	1.00016
0.20	1.0024	3.1661	4.1685	30.1428	1.3557	1.00013
0.40	1.0037	3.1655	4.1692	29.6803	1.5562	1.00010
0.60	1.0057	3.1650	4.1707	29.2171	1.7571	1.00008
0.80	1.0090	3.1650	4.1740	28.7533	1.9585	1.00006
1.00	1.0149	3.1650	4.1799	28.2874	2.1611	1.00005
1.20	1.0231	3.1647	4.1878	27.8179	2.3646	1.00004
1.40	1.0364	3.1651	4.2015	27.3444	2.5702	1.00003
1.60	1.0579	3.1663	4.2242	26.8638	2.7791	1.00002
1.80	1.0929	3.1689	4.2618	26.3718	2.9932	1.00002
2.00	1.1513	3.1738	4.3250	25.8611	3.2158	1.00001
2.20	1.2510	3.1836	4.4345	25.3198	3.4519	1.00001
2.40	1.4294	3.2044	4.6339	24.7277	3.7098	1.00001
2.60	1.7729	3.2540	5.0269	24.0490	4.0033	1.00001
2.80	2.5042	3.3835	5.8877	23.2153	4.3533	1.00000
3.00	4.2667	3.7420	8.0087	22.0834	4.7847	1.00000

T= 4000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	1.5101	17.5452	19.0553	62.4068	-5.6553	1.51010
-6.80	1.4351	15.4315	16.8666	59.6151	-5.4775	1.43509
-6.60	1.3661	13.4872	14.8533	57.0261	-5.2989	1.36610
-6.40	1.3046	11.7537	13.0582	54.6779	-5.1189	1.30458
-6.20	1.2511	10.2457	11.4968	52.5819	-4.9371	1.25107
-6.00	1.2054	8.9593	10.1647	50.7301	-4.7532	1.20542
-5.80	1.1671	7.8783	9.0459	49.1031	-4.5672	1.16706
-5.60	1.1352	6.9809	8.1161	47.6758	-4.3793	1.13522
-5.40	1.1090	6.2427	7.3517	46.4210	-4.1894	1.10902
-5.20	1.0876	5.6399	6.7275	45.3126	-3.9979	1.08763

T= 4000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0703	5.1506	6.2209	44.3266	-3.8048	1.07027
-4.80	1.0562	4.7552	5.8114	43.4416	-3.6106	1.05623
-4.60	1.0449	4.4368	5.4817	42.6395	-3.4152	1.04493
-4.40	1.0359	4.1811	5.2169	41.9048	-3.2190	1.03586
-4.20	1.0286	3.9763	5.0048	41.2246	-3.0221	1.02859
-4.00	1.0228	3.8124	4.8352	40.5885	-2.8246	1.02278
-3.80	1.0181	3.6816	4.6998	39.9878	-2.6265	1.01814
-3.60	1.0144	3.5773	4.5917	39.4155	-2.4281	1.01443
-3.40	1.0115	3.4941	4.5056	38.8658	-2.2294	1.01148
-3.20	1.0091	3.4278	4.4370	38.3343	-2.0304	1.00913
-3.00	1.0073	3.3751	4.3824	37.8173	-1.8312	1.00726
-2.80	1.0058	3.3331	4.3389	37.3119	-1.6318	1.00577
-2.60	1.0046	3.2998	4.3044	36.8156	-1.4323	1.00459
-2.40	1.0036	3.2732	4.2769	36.3267	-1.2328	1.00365
-2.20	1.0029	3.2521	4.2550	35.8435	-1.0331	1.00290
-2.00	1.0023	3.2354	4.2377	35.3650	-0.8333	1.00230
-1.80	1.0018	3.2220	4.2239	34.8902	-0.6335	1.00183
-1.60	1.0015	3.2114	4.2129	34.4184	-0.4337	1.00145
-1.40	1.0012	3.2030	4.2042	33.9488	-0.2338	1.00115
-1.20	1.0010	3.1963	4.1974	33.4811	-0.0339	1.00092
-1.00	1.0009	3.1910	4.1919	33.0149	0.1660	1.00073
-0.80	1.0008	3.1868	4.1876	32.5497	0.3660	1.00058
-0.60	1.0008	3.1835	4.1843	32.0855	0.5660	1.00046
-0.40	1.0009	3.1808	4.1818	31.6219	0.7661	1.00037
-0.20	1.0012	3.1787	4.1799	31.1588	0.9662	1.00029
0.0	1.0017	3.1771	4.1788	30.6960	1.1664	1.00023
0.20	1.0024	3.1759	4.1783	30.2334	1.3667	1.00018
0.40	1.0037	3.1752	4.1789	29.7707	1.5673	1.00015
0.60	1.0058	3.1742	4.1800	29.3071	1.7681	1.00012
0.80	1.0090	3.1740	4.1830	28.8430	1.9695	1.00009
1.00	1.0149	3.1740	4.1889	28.3771	2.1721	1.00007
1.20	1.0231	3.1737	4.1968	27.9076	2.3756	1.00006
1.40	1.0363	3.1741	4.2105	27.4341	2.5811	1.00005
1.60	1.0578	3.1754	4.2331	26.9535	2.7900	1.00004
1.80	1.0927	3.1779	4.2706	26.4615	3.0042	1.00003
2.00	1.1509	3.1827	4.3336	25.9509	3.2267	1.00002
2.20	1.2502	3.1924	4.4426	25.4098	3.4626	1.00002
2.40	1.4278	3.2130	4.6407	24.8179	3.7203	1.00001
2.60	1.7688	3.2616	5.0303	24.1395	4.0133	1.00001
2.80	2.4931	3.3880	5.8811	23.3061	4.3624	1.00001
3.00	4.2345	3.7376	7.9721	22.1741	4.7924	1.00001

T= 4100						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	1.6274	20.4234	22.0508	65.7542	-5.6121	1.62736
-6.80	1.5485	18.2559	19.8044	62.8554	-5.4337	1.54851
-6.60	1.4714	16.1368	17.6082	60.0410	-5.2559	1.47142
-6.40	1.3992	14.1521	15.5513	57.3955	-5.0777	1.39921
-6.20	1.3339	12.3567	13.6906	54.9711	-4.8985	1.33389
-6.00	1.2764	10.7770	12.0534	52.7907	-4.7176	1.27642
-5.80	1.2269	9.4172	10.6441	50.8547	-4.5348	1.22695
-5.60	1.1851	8.2665	9.4516	49.1490	-4.3499	1.18509
-5.40	1.1501	7.3059	8.4560	47.6509	-4.1629	1.15014
-5.20	1.1213	6.5123	7.6336	46.3345	-3.9739	1.12127

T= 4100						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.0976	5.8622	6.9598	45.1737	-3.7832	1.09761
-4.80	1.0784	5.3329	6.4113	44.1435	-3.5908	1.07836
-4.60	1.0628	4.9044	5.9671	43.2221	-3.3972	1.06277
-4.40	1.0502	4.5587	5.6089	42.3900	-3.2023	1.05019
-4.20	1.0401	4.2808	5.3208	41.6309	-3.0065	1.04008
-4.00	1.0320	4.0579	5.0898	40.9309	-2.8099	1.03197
-3.80	1.0255	3.8795	4.9049	40.2788	-2.6127	1.02548
-3.60	1.0203	3.7369	4.7572	39.6652	-2.4149	1.02029
-3.40	1.0161	3.6231	4.6393	39.0826	-2.2167	1.01615
-3.20	1.0128	3.5324	4.5452	38.5247	-2.0181	1.01285
-3.00	1.0102	3.4601	4.4703	37.9866	-1.8192	1.01022
-2.80	1.0081	3.4025	4.4107	37.4643	-1.6201	1.00813
-2.60	1.0065	3.3567	4.3632	36.9546	-1.4208	1.00646
-2.40	1.0051	3.3203	4.3254	36.4550	-1.2214	1.00514
-2.20	1.0041	3.2913	4.2954	35.9634	-1.0218	1.00408
-2.00	1.0033	3.2683	4.2715	35.4782	-0.8222	1.00324
-1.80	1.0026	3.2500	4.2526	34.9980	-0.6225	1.00258
-1.60	1.0021	3.2354	4.2375	34.5218	-0.4227	1.00205
-1.40	1.0017	3.2238	4.2255	34.0489	-0.2229	1.00163
-1.20	1.0014	3.2146	4.2160	33.5785	-0.0230	1.00129
-1.00	1.0012	3.2073	4.2085	33.1101	0.1769	1.00103
-0.80	1.0010	3.2015	4.2026	32.6432	0.3768	1.00082
-0.60	1.0010	3.1969	4.1980	32.1777	0.5768	1.00065
-0.40	1.0011	3.1933	4.1944	31.7130	0.7769	1.00051
-0.20	1.0013	3.1904	4.1917	31.2491	0.9770	1.00041
0.0	1.0018	3.1881	4.1899	30.7856	1.1771	1.00032
0.20	1.0025	3.1865	4.1890	30.3225	1.3774	1.00026
0.40	1.0038	3.1855	4.1892	29.8595	1.5780	1.00020
0.60	1.0059	3.1840	4.1899	29.3954	1.7789	1.00016
0.80	1.0090	3.1834	4.1924	28.9309	1.9802	1.00013
1.00	1.0150	3.1835	4.1985	28.4651	2.1828	1.00010
1.20	1.0231	3.1832	4.2063	27.9956	2.3863	1.00008
1.40	1.0363	3.1837	4.2200	27.5221	2.5919	1.00006
1.60	1.0577	3.1849	4.2425	27.0415	2.8007	1.00005
1.80	1.0926	3.1874	4.2799	26.5496	3.0148	1.00004
2.00	1.1505	3.1921	4.3427	26.0390	3.2373	1.00003
2.20	1.2495	3.2017	4.4512	25.4980	3.4731	1.00002
2.40	1.4262	3.2220	4.6482	24.9063	3.7305	1.00002
2.60	1.7648	3.2696	5.0345	24.2282	4.0231	1.00001
2.80	2.4825	3.3932	5.8757	23.3950	4.3712	1.00001
3.00	4.2039	3.7343	7.9382	22.2631	4.8000	1.00001

T= 4200						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	1.7345	22.8922	24.6267	68.7457	-5.5740	1.73449
-6.80	1.6601	20.8958	22.5558	65.9675	-5.3930	1.66009
-6.60	1.5816	18.7914	20.3731	63.1166	-5.2140	1.58165
-6.40	1.5034	16.6914	18.1948	60.3063	-5.0361	1.50338
-6.20	1.4288	14.6908	16.1196	57.6308	-4.8582	1.42881
-6.00	1.3604	12.8562	14.2166	55.1541	-4.6795	1.36042
-5.80	1.2996	11.2243	12.5239	52.9101	-4.4993	1.29959
-5.60	1.2468	9.8075	11.0543	50.9073	-4.3174	1.24678
-5.40	1.2018	8.6006	9.8024	49.1369	-4.1333	1.20179
-5.20	1.1640	7.5877	8.7517	47.5794	-3.9472	1.16404

T= 4200						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.1327	6.7475	7.8802	46.2106	-3.7590	1.13272
-4.80	1.1070	6.0568	7.1638	45.0045	-3.5690	1.10697
-4.60	1.0860	5.4933	6.5792	43.9361	-3.3773	1.08596
-4.40	1.0689	5.0359	6.1049	42.9828	-3.1842	1.06892
-4.20	1.0551	4.6665	5.7216	42.1244	-2.9898	1.05515
-4.00	1.0441	4.3691	5.4132	41.3437	-2.7944	1.04406
-3.80	1.0352	4.1304	5.1655	40.6263	-2.5981	1.03516
-3.60	1.0280	3.9391	4.9671	39.9600	-2.4011	1.02803
-3.40	1.0223	3.7862	4.8085	39.3350	-2.2036	1.02233
-3.20	1.0178	3.6641	4.6819	38.7432	-2.0055	1.01778
-3.00	1.0141	3.5667	4.5808	38.1780	-1.8070	1.01415
-2.80	1.0113	3.4890	4.5003	37.6340	-1.6083	1.01126
-2.60	1.0089	3.4272	4.4362	37.1070	-1.4093	1.00895
-2.40	1.0071	3.3780	4.3851	36.5936	-1.2101	1.00712
-2.20	1.0057	3.3389	4.3445	36.0910	-1.0107	1.00566
-2.00	1.0045	3.3077	4.3122	35.5970	-0.8112	1.00450
-1.80	1.0036	3.2830	4.2865	35.1099	-0.6116	1.00357
-1.60	1.0029	3.2633	4.2661	34.6282	-0.4119	1.00284
-1.40	1.0023	3.2476	4.2499	34.1508	-0.2121	1.00226
-1.20	1.0019	3.2352	4.2371	33.6769	-0.0123	1.00179
-1.00	1.0016	3.2253	4.2269	33.2057	0.1875	1.00142
-0.80	1.0014	3.2175	4.2188	32.7367	0.3874	1.00113
-0.60	1.0013	3.2112	4.2125	32.2694	0.5874	1.00090
-0.40	1.0013	3.2063	4.2076	31.8033	0.7874	1.00071
-0.20	1.0015	3.2024	4.2039	31.3383	0.9875	1.00057
0.0	1.0019	3.1993	4.2012	30.8739	1.1877	1.00045
0.20	1.0026	3.1970	4.1995	30.4100	1.3879	1.00036
0.40	1.0038	3.1954	4.1992	29.9465	1.5885	1.00029
0.60	1.0060	3.1934	4.1954	29.4818	1.7894	1.00023
0.80	1.0089	3.1925	4.2014	29.0170	1.9907	1.00018
1.00	1.0150	3.1927	4.2077	28.5513	2.1933	1.00014
1.20	1.0231	3.1924	4.2155	28.0818	2.3968	1.00011
1.40	1.0363	3.1928	4.2291	27.6083	2.6023	1.00009
1.60	1.0576	3.1940	4.2516	27.1277	2.8111	1.00007
1.80	1.0924	3.1965	4.2888	26.6358	3.0252	1.00005
2.00	1.1502	3.2012	4.3514	26.1253	3.2476	1.00004
2.20	1.2488	3.2106	4.4594	25.5844	3.4833	1.00003
2.40	1.4246	3.2306	4.6553	24.9929	3.7405	1.00002
2.60	1.7611	3.2774	5.0385	24.3150	4.0326	1.00002
2.80	2.4724	3.3982	5.8707	23.4820	4.3800	1.00001
3.00	4.1748	3.7312	7.9059	22.3501	4.8075	1.00001

T= 4300						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	1.8220	24.7325	26.5545	71.1476	-5.5424	1.82203
-6.80	1.7593	23.0878	24.8471	68.6779	-5.3576	1.75927
-6.60	1.6873	21.2020	22.8893	65.9982	-5.1757	1.68730
-6.40	1.6098	19.1716	20.7814	63.2085	-4.9962	1.60980
-6.20	1.5310	17.1073	18.6383	60.4211	-4.8179	1.53101
-6.00	1.4548	15.1100	16.5648	57.7364	-4.6401	1.45478
-5.80	1.3840	13.2550	14.6390	55.2280	-4.4618	1.38397
-5.60	1.3204	11.5884	12.9087	52.9390	-4.2822	1.32036
-5.40	1.2647	10.1298	11.3945	50.8855	-4.1009	1.26468
-5.20	1.2170	8.8795	10.0964	49.0641	-3.9177	1.21696

T= 4300						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.1767	7.8250	9.0017	47.4587	-3.7323	1.17671
-4.80	1.1432	6.9470	8.0902	46.0467	-3.5448	1.14319
-4.60	1.1156	6.2231	7.3386	44.8029	-3.3554	1.11556
-4.40	1.0930	5.6310	6.7239	43.7025	-3.1643	1.09296
-4.20	1.0746	5.1496	6.2242	42.7221	-2.9717	1.07458
-4.00	1.0597	4.7601	5.8198	41.8414	-2.7777	1.05972
-3.80	1.0477	4.4463	5.4940	41.0423	-2.5827	1.04774
-3.60	1.0381	4.1941	5.2322	40.3099	-2.3867	1.03811
-3.40	1.0304	3.9919	5.0223	39.6315	-2.1899	1.03039
-3.20	1.0242	3.8301	4.8544	38.9968	-1.9925	1.02422
-3.00	1.0193	3.7009	4.7202	38.3970	-1.7946	1.01929
-2.80	1.0153	3.5978	4.6132	37.8255	-1.5963	1.01535
-2.60	1.0122	3.5156	4.5278	37.2764	-1.3977	1.01221
-2.40	1.0097	3.4501	4.4599	36.7454	-1.1987	1.00971
-2.20	1.0077	3.3980	4.4057	36.2288	-0.9996	1.00772
-2.00	1.0061	3.3565	4.3627	35.7236	-0.8003	1.00614
-1.80	1.0049	3.3235	4.3284	35.2275	-0.6008	1.00489
-1.60	1.0039	3.2973	4.3012	34.7388	-0.4012	1.00388
-1.40	1.0031	3.2764	4.2796	34.2558	-0.2015	1.00308
-1.20	1.0025	3.2598	4.2624	33.7774	-0.0018	1.00245
-1.00	1.0021	3.2467	4.2488	33.3026	0.1980	1.00195
-0.80	1.0018	3.2362	4.2380	32.8307	0.3978	1.00155
-0.60	1.0016	3.2279	4.2295	32.3611	0.5978	1.00123
-0.40	1.0015	3.2213	4.2228	31.8933	0.7977	1.00098
-0.20	1.0017	3.2161	4.2178	31.4268	0.9978	1.00077
0.0	1.0021	3.2119	4.2140	30.9613	1.1979	1.00062
0.20	1.0027	3.2086	4.2113	30.4964	1.3982	1.00049
0.40	1.0039	3.2064	4.2103	30.0321	1.5987	1.00039
0.60	1.0061	3.2037	4.2098	29.5667	1.7997	1.00031
0.80	1.0089	3.2026	4.2115	29.1016	2.0009	1.00024
1.00	1.0150	3.2028	4.2178	28.6359	2.2035	1.00019
1.20	1.0231	3.2025	4.2256	28.1664	2.4070	1.00015
1.40	1.0362	3.2029	4.2391	27.6929	2.6125	1.00012
1.60	1.0575	3.2041	4.2616	27.2124	2.8213	1.00009
1.80	1.0922	3.2065	4.2988	26.7205	3.0354	1.00007
2.00	1.1499	3.2112	4.3611	26.2101	3.2577	1.00006
2.20	1.2481	3.2205	4.4687	25.6693	3.4933	1.00004
2.40	1.4232	3.2402	4.6634	25.0779	3.7503	1.00003
2.60	1.7575	3.2861	5.0436	24.4003	4.0419	1.00002
2.80	2.4628	3.4044	5.8672	23.5675	4.3885	1.00001
3.00	4.1469	3.7297	7.8767	22.4357	4.8148	1.00001

T= 4400						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	1.9861	25.8884	27.7745	72.8866	-5.5174	1.88608
-6.80	1.8383	24.6635	26.5017	70.8037	-5.3285	1.83826
-6.60	1.7787	23.1378	24.9165	68.4447	-5.1428	1.77868
-6.40	1.7091	21.3551	23.0642	65.8586	-4.9602	1.70906
-6.20	1.6327	19.4011	21.0338	63.1350	-4.7800	1.63274
-6.00	1.5539	17.3825	18.9364	60.3826	-4.6015	1.55389
-5.80	1.4766	15.4028	16.8794	57.7052	-4.4237	1.47656
-5.60	1.4039	13.5437	14.9476	55.1931	-4.2456	1.40394
-5.40	1.3381	11.8583	13.1965	52.8667	-4.0665	1.33811
-5.20	1.2801	10.3730	11.6531	50.7788	-3.8857	1.28009

T= 4400						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.2301	9.0927	10.3228	48.9208	-3.7030	1.23008
-4.80	1.1877	8.0083	9.1960	47.2799	-3.5182	1.18772
-4.60	1.1523	7.1022	8.2545	45.8353	-3.3314	1.15232
-4.40	1.1231	6.3532	7.4762	44.5626	-3.1425	1.12306
-4.20	1.0991	5.7392	6.8383	43.4371	-2.9519	1.09908
-4.00	1.0795	5.2393	6.3188	42.4357	-2.7597	1.07955
-3.80	1.0637	4.8343	5.8980	41.5373	-2.5661	1.06373
-3.60	1.0510	4.5076	5.5585	40.7237	-2.3714	1.05097
-3.40	1.0407	4.2448	5.2855	39.9795	-2.1756	1.04070
-3.20	1.0325	4.0341	5.0665	39.2914	-1.9791	1.03247
-3.00	1.0259	3.8654	4.8912	38.6488	-1.7818	1.02588
-2.80	1.0206	3.7305	4.7511	38.0428	-1.5841	1.02061
-2.60	1.0164	3.6229	4.6393	37.4662	-1.3859	1.01641
-2.40	1.0131	3.5371	4.5502	36.9131	-1.1873	1.01305
-2.20	1.0104	3.4687	4.4791	36.3788	-0.9885	1.01038
-2.00	1.0083	3.4143	4.4225	35.8596	-0.7894	1.00826
-1.80	1.0066	3.3709	4.3775	35.3523	-0.5901	1.00656
-1.60	1.0052	3.3365	4.3417	34.8546	-0.3907	1.00522
-1.40	1.0042	3.3091	4.3133	34.3645	-0.1911	1.00415
-1.20	1.0034	3.2873	4.2906	33.8805	0.0085	1.00330
-1.00	1.0028	3.2699	4.2727	33.4012	0.2082	1.00262
-0.80	1.0023	3.2562	4.2585	32.9258	0.4080	1.00208
-0.60	1.0020	3.2452	4.2473	32.4533	0.6079	1.00165
-0.40	1.0019	3.2366	4.2384	31.9833	0.8079	1.00131
-0.20	1.0019	3.2297	4.2316	31.5150	1.0079	1.00104
0.0	1.0023	3.2242	4.2265	31.0481	1.2080	1.00083
0.20	1.0029	3.2197	4.2225	30.5818	1.4083	1.00066
0.40	1.0040	3.2164	4.2204	30.1165	1.6088	1.00052
0.60	1.0062	3.2130	4.2193	29.6503	1.8097	1.00041
0.80	1.0089	3.2117	4.2206	29.1850	2.0109	1.00033
1.00	1.0150	3.2120	4.2270	28.7194	2.2135	1.00026
1.20	1.0231	3.2117	4.2348	28.2499	2.4169	1.00021
1.40	1.0362	3.2121	4.2483	27.7764	2.6225	1.00016
1.60	1.0574	3.2132	4.2707	27.2959	2.8313	1.00013
1.80	1.0921	3.2157	4.3077	26.8040	3.0453	1.00010
2.00	1.1495	3.2203	4.3699	26.2936	3.2676	1.00008
2.20	1.2475	3.2295	4.4770	25.7530	3.5031	1.00006
2.40	1.4217	3.2489	4.6707	25.1617	3.7599	1.00004
2.60	1.7540	3.2940	5.0480	24.4844	4.0511	1.00003
2.80	2.4536	3.4098	5.8635	23.6518	4.3968	1.00002
3.00	4.1204	3.7280	7.8484	22.5203	4.8220	1.00001

T= 4500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	1.9293	26.4734	28.4027	74.0609	-5.4978	1.92933
-6.80	1.8957	25.6307	27.5264	72.3372	-5.3054	1.89571
-6.60	1.8507	24.5035	26.3542	70.3469	-5.1158	1.85070
-6.40	1.7938	23.0792	24.8730	68.0829	-4.9294	1.79381
-6.20	1.7263	21.3894	23.1157	65.5822	-4.7461	1.72631
-6.00	1.6512	19.5094	21.1606	62.9243	-4.5654	1.65121
-5.80	1.5726	17.5412	19.1138	60.2137	-4.3866	1.57257
-5.60	1.4946	15.5884	17.0830	57.5548	-4.2087	1.49456
-5.40	1.4206	13.7371	15.1577	55.0325	-4.0307	1.42059
-5.20	1.3530	12.0459	13.3990	52.7029	-3.8519	1.35302

T= 4500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.2931	10.5464	11.8395	50.5944	-3.6715	1.29310
-4.80	1.2412	9.2477	10.4889	48.7124	-3.4893	1.24121
-4.60	1.1971	8.1434	9.3405	47.0470	-3.3051	1.19709
-4.40	1.1601	7.2181	8.3782	45.5792	-3.1187	1.16012
-4.20	1.1295	6.4514	7.5809	44.2956	-2.9303	1.12948
-4.00	1.1043	5.8218	6.9262	43.1418	-2.7401	1.10433
-3.80	1.0838	5.3084	6.3922	42.1247	-2.5482	1.08381
-3.60	1.0672	4.8921	5.9593	41.2132	-2.3549	1.06718
-3.40	1.0537	4.5559	5.6096	40.3888	-2.1604	1.05374
-3.20	1.0429	4.2853	5.3283	39.6356	-1.9649	1.04293
-3.00	1.0343	4.0682	5.1025	38.9402	-1.7686	1.03426
-2.80	1.0273	3.8943	4.9216	38.2917	-1.5715	1.02731
-2.60	1.0218	3.7553	4.7771	37.6809	-1.3738	1.02175
-2.40	1.0173	3.6443	4.6616	37.1004	-1.1757	1.01732
-2.20	1.0138	3.5558	4.5696	36.5443	-0.9772	1.01378
-2.00	1.0110	3.4853	4.4962	36.0075	-0.7784	1.01096
-1.80	1.0087	3.4291	4.4378	35.4863	-0.5794	1.00872
-1.60	1.0070	3.3844	4.3913	34.9775	-0.3802	1.00693
-1.40	1.0056	3.3488	4.3543	34.4785	-0.1808	1.00551
-1.20	1.0045	3.3205	4.3250	33.9874	0.0187	1.00438
-1.00	1.0036	3.2980	4.3016	33.5025	0.2184	1.00348
-0.80	1.0030	3.2801	4.2831	33.0226	0.4181	1.00276
-0.60	1.0026	3.2659	4.2685	32.5466	0.6179	1.00220
-0.40	1.0023	3.2546	4.2569	32.0737	0.8178	1.00174
-0.20	1.0023	3.2457	4.2480	31.6032	1.0178	1.00139
0.0	1.0025	3.2386	4.2411	31.1345	1.2179	1.00110
0.20	1.0031	3.2325	4.2356	30.6666	1.4181	1.00087
0.40	1.0042	3.2279	4.2321	30.1998	1.6186	1.00069
0.60	1.0064	3.2238	4.2302	29.7328	1.8196	1.00055
0.80	1.0089	3.2223	4.2312	29.2674	2.0206	1.00044
1.00	1.0150	3.2227	4.2377	28.8019	2.2233	1.00035
1.20	1.0231	3.2223	4.2454	28.3323	2.4267	1.00027
1.40	1.0362	3.2228	4.2589	27.8588	2.6322	1.00022
1.60	1.0573	3.2239	4.2812	27.3783	2.8410	1.00017
1.80	1.0919	3.2263	4.3182	26.8865	3.0550	1.00013
2.00	1.1492	3.2309	4.3801	26.3761	3.2772	1.00010
2.20	1.2469	3.2400	4.4868	25.8355	3.5126	1.00008
2.40	1.4204	3.2591	4.6795	25.2445	3.7692	1.00006
2.60	1.7507	3.3034	5.0541	24.5673	4.0600	1.00004
2.80	2.4449	3.4170	5.8618	23.7351	4.4050	1.00003
3.00	4.0950	3.7286	7.8236	22.6040	4.8290	1.00002

T= 4600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	1.9568	26.6491	28.6060	74.8212	-5.4821	1.95685
-6.80	1.9344	26.0975	28.0319	73.3733	-5.2871	1.93439
-6.60	1.9026	25.3191	27.2218	71.7110	-5.0943	1.90264
-6.40	1.8598	24.2685	26.1282	69.7936	-4.9042	1.85976
-6.20	1.8050	22.9265	24.7315	67.6073	-4.7172	1.80498
-6.00	1.7392	21.3158	23.0550	65.1802	-4.5333	1.73921
-5.80	1.6652	19.5034	21.1686	62.5836	-4.3522	1.66519
-5.60	1.5869	17.5858	19.1726	59.9171	-4.1731	1.58687
-5.40	1.5085	15.6658	17.1742	57.2844	-3.9951	1.50846
-5.20	1.4335	13.8317	15.2653	54.7731	-3.8172	1.43355

T= 4600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.3647	12.1460	13.5107	52.4434	-3.6386	1.36469
-4.80	1.3033	10.6440	11.9474	50.3274	-3.4586	1.30334
-4.60	1.2500	9.3382	10.5882	48.4339	-3.2767	1.25000
-4.40	1.2045	8.2245	9.4290	46.7554	-3.0928	1.20452
-4.20	1.1663	7.2891	8.4554	45.2743	-2.9068	1.16631
-4.00	1.1346	6.5126	7.6472	43.9682	-2.7188	1.13459
-3.80	1.1085	5.8741	6.9826	42.8134	-2.5289	1.10851
-3.60	1.0872	5.3528	6.4400	41.7867	-2.3373	1.08721
-3.40	1.0699	4.9296	5.9995	40.8670	-2.1443	1.06993
-3.20	1.0560	4.5877	5.6436	40.0357	-1.9500	1.05596
-3.00	1.0447	4.3124	5.3571	39.2767	-1.7546	1.04472
-2.80	1.0357	4.0913	5.1270	38.5767	-1.5584	1.03569
-2.60	1.0285	3.9142	4.9427	37.9244	-1.3615	1.02845
-2.40	1.0227	3.7726	4.7953	37.3106	-1.1639	1.02267
-2.20	1.0181	3.6595	4.6776	36.7276	-0.9659	1.01805
-2.00	1.0144	3.5693	4.5837	36.1695	-0.7674	1.01436
-1.80	1.0114	3.4974	4.5089	35.6311	-0.5687	1.01143
-1.60	1.0091	3.4401	4.4493	35.1086	-0.3697	1.00909
-1.40	1.0073	3.3946	4.4018	34.5988	-0.1705	1.00722
-1.20	1.0058	3.3583	4.3641	34.0990	0.0289	1.00574
-1.00	1.0047	3.3294	4.3342	33.6072	0.2284	1.00456
-0.80	1.0039	3.3065	4.3104	33.1218	0.4280	1.00363
-0.60	1.0032	3.2883	4.2915	32.6414	0.6278	1.00288
-0.40	1.0029	3.2738	4.2767	32.1650	0.8276	1.00229
-0.20	1.0027	3.2623	4.2650	31.6917	1.0275	1.00182
0.0	1.0029	3.2532	4.2561	31.2208	1.2276	1.00144
0.20	1.0034	3.2453	4.2487	30.7510	1.4278	1.00115
0.40	1.0044	3.2393	4.2437	30.2827	1.6283	1.00091
0.60	1.0066	3.2344	4.2410	29.8147	1.8292	1.00072
0.80	1.0088	3.2329	4.2417	29.3492	2.0302	1.00057
1.00	1.0151	3.2332	4.2483	28.8836	2.2328	1.00045
1.20	1.0231	3.2329	4.2560	28.4141	2.4363	1.00036
1.40	1.0361	3.2333	4.2694	27.9406	2.6417	1.00028
1.60	1.0572	3.2344	4.2917	27.4601	2.8505	1.00022
1.80	1.0917	3.2368	4.3285	26.9683	3.0645	1.00017
2.00	1.1489	3.2413	4.3903	26.4580	3.2866	1.00013
2.20	1.2463	3.2503	4.4965	25.9175	3.5219	1.00010
2.40	1.4191	3.2691	4.6882	25.3266	3.7783	1.00007
2.60	1.7475	3.3127	5.0602	24.6497	4.0688	1.00005
2.80	2.4364	3.4240	5.8605	23.8176	4.4131	1.00003
3.00	4.0706	3.7291	7.7998	22.6869	4.8360	1.00001

T= 4700						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	1.9739	26.5694	28.5433	75.3140	-5.4690	1.97394
-6.80	1.9593	26.2165	28.1758	74.0553	-5.2722	1.95930
-6.60	1.9379	25.7011	27.6389	72.6422	-5.0770	1.93787
-6.40	1.9074	24.9705	26.8779	71.0258	-4.8838	1.90743
-6.20	1.8661	23.9784	25.8444	69.1643	-4.6934	1.86607
-6.00	1.8128	22.7015	24.5143	67.0399	-4.5059	1.81282
-5.80	1.7483	21.1563	22.9047	64.6744	-4.3217	1.74835
-5.60	1.6752	19.4031	21.0782	62.1325	-4.1402	1.67520
-5.40	1.5972	17.5337	19.1309	59.5096	-3.9609	1.59719
-5.20	1.5186	15.6495	17.1680	56.9080	-3.7829	1.51856

T= 4700						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.4430	13.8394	15.2824	54.4161	-3.5050	1.44302
-4.80	1.3733	12.1681	13.5414	52.0966	-3.4265	1.37327
-4.60	1.3109	10.6735	11.9844	49.9843	-3.2467	1.31090
-4.40	1.2565	9.3704	10.6269	48.0903	-3.0651	1.25651
-4.20	1.2100	8.2565	9.4665	46.4088	-2.8815	1.21002
-4.00	1.1709	7.3193	8.4902	44.9236	-2.6958	1.17090
-3.80	1.1384	6.5402	7.6786	43.6130	-2.5080	1.13839
-3.60	1.1116	5.8988	7.0104	42.4537	-2.3183	1.11162
-3.40	1.0897	5.3747	6.4645	41.4230	-2.1270	1.08975
-3.20	1.0720	4.9491	6.0211	40.4997	-1.9341	1.07198
-3.00	1.0576	4.6049	5.6625	39.6653	-1.7400	1.05762
-2.80	1.0460	4.3277	5.3738	38.9038	-1.5447	1.04605
-2.60	1.0368	4.1051	5.1418	38.2016	-1.3486	1.03675
-2.40	1.0293	3.9266	4.9560	37.5476	-1.1518	1.02931
-2.20	1.0234	3.7839	4.8073	36.9323	-0.9543	1.02335
-2.00	1.0186	3.6700	4.6886	36.3481	-0.7563	1.01859
-1.80	1.0148	3.5790	4.5938	35.7890	-0.5579	1.01480
-1.60	1.0118	3.5065	4.5183	35.2499	-0.3592	1.01177
-1.40	1.0094	3.4488	4.4582	34.7268	-0.1602	1.00936
-1.20	1.0075	3.4028	4.4104	34.2164	0.0390	1.00744
-1.00	1.0061	3.3663	4.3723	33.7162	0.2383	1.00592
-0.80	1.0049	3.3372	4.3421	33.2241	0.4378	1.00470
-0.60	1.0041	3.3141	4.3182	32.7384	0.6375	1.00374
-0.40	1.0035	3.2957	4.2992	32.2578	0.8372	1.00297
-0.20	1.0033	3.2811	4.2844	31.7811	1.0371	1.00236
0.0	1.0033	3.2695	4.2728	31.3075	1.2371	1.00187
0.20	1.0037	3.2598	4.2636	30.8357	1.4373	1.00149
0.40	1.0047	3.2523	4.2570	30.3657	1.6377	1.00118
0.60	1.0068	3.2465	4.2533	29.8968	1.8386	1.00094
0.80	1.0088	3.2449	4.2537	29.4311	2.0395	1.00074
1.00	1.0151	3.2453	4.2604	28.9656	2.2422	1.00059
1.20	1.0231	3.2450	4.2681	28.4961	2.4456	1.00047
1.40	1.0361	3.2454	4.2815	28.0226	2.6511	1.00037
1.60	1.0572	3.2465	4.3037	27.5421	2.8598	1.00029
1.80	1.0916	3.2488	4.3404	27.0503	3.0737	1.00022
2.00	1.1487	3.2533	4.4019	26.5401	3.2959	1.00017
2.20	1.2457	3.2621	4.5078	25.9996	3.5311	1.00013
2.40	1.4178	3.2807	4.6984	25.4088	3.7873	1.00010
2.60	1.7444	3.3234	5.0678	24.7319	4.0773	1.00008
2.80	2.4283	3.4323	5.8607	23.8999	4.4210	1.00006
3.00	4.0473	3.7307	7.7781	22.7690	4.8428	1.00005

T= 4800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	1.9845	26.3433	28.3278	75.6452	-5.4575	1.98454
-6.80	1.9750	26.1172	28.0923	74.5072	-5.2596	1.97505
-6.60	1.9609	25.7819	27.7428	73.2654	-5.0627	1.96086
-6.40	1.9401	25.2918	27.2319	71.8768	-4.8673	1.94006
-6.20	1.9104	24.5955	26.5059	70.2935	-4.6740	1.91045
-6.00	1.8700	23.6464	25.5164	68.4734	-4.4833	1.87005
-5.80	1.8178	22.4192	24.2369	66.3966	-4.2956	1.81778
-5.60	1.7542	20.9262	22.6804	64.0808	-4.1111	1.75418
-5.40	1.6816	19.2232	20.9048	61.5854	-3.9294	1.68161
-5.20	1.6038	17.3984	19.0022	59.0049	-3.7500	1.60384

T= 4800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.5251	15.5509	17.0760	56.4370	-3.5719	1.52510
-4.80	1.4492	13.7695	15.2186	53.9709	-3.3940	1.44918
-4.60	1.3789	12.1198	13.4986	51.6703	-3.2156	1.37887
-4.40	1.3158	10.6409	11.9568	49.5712	-3.0360	1.31584
-4.20	1.2608	9.3490	10.6098	47.6864	-2.8545	1.26077
-4.00	1.2136	8.2432	9.4568	46.0111	-2.6711	1.21363
-3.80	1.1739	7.3116	8.4855	44.5300	-2.4855	1.17392
-3.60	1.1409	6.5365	7.6774	43.2221	-2.2979	1.14089
-3.40	1.1137	5.8979	7.0116	42.0646	-2.1084	1.11367
-3.20	1.0914	5.3759	6.4673	41.0350	-1.9172	1.09141
-3.00	1.0733	4.9516	6.0250	40.1125	-1.7244	1.07333
-2.80	1.0587	4.6085	5.6672	39.2786	-1.5304	1.05871
-2.60	1.0460	4.3321	5.3790	38.5174	-1.3352	1.04692
-2.40	1.0375	4.1100	5.1475	37.8155	-1.1392	1.03746
-2.20	1.0299	3.9320	4.9619	37.1615	-0.9424	1.02987
-2.00	1.0238	3.7896	4.8135	36.5463	-0.7449	1.02380
-1.80	1.0190	3.6759	4.6949	35.9622	-0.5470	1.01895
-1.60	1.0151	3.5852	4.6003	35.4031	-0.3486	1.01508
-1.40	1.0121	3.5128	4.5249	34.8641	-0.1499	1.01200
-1.20	1.0096	3.4552	4.4648	34.3409	0.0490	1.00954
-1.00	1.0077	3.4093	4.4170	33.8306	0.2482	1.00759
-0.80	1.0063	3.3728	4.3791	33.3304	0.4475	1.00603
-0.60	1.0051	3.3438	4.3489	32.8382	0.6471	1.00479
-0.40	1.0044	3.3207	4.3251	32.3524	0.8467	1.00381
-0.20	1.0039	3.3024	4.3063	31.8717	1.0465	1.00303
0.0	1.0038	3.2878	4.2917	31.3948	1.2465	1.00240
0.20	1.0042	3.2763	4.2804	30.9209	1.4466	1.00191
0.40	1.0050	3.2671	4.2722	30.4491	1.6470	1.00152
0.60	1.0070	3.2605	4.2675	29.9792	1.8478	1.00120
0.80	1.0088	3.2588	4.2676	29.5134	2.0486	1.00095
1.00	1.0151	3.2592	4.2743	29.0480	2.2513	1.00076
1.20	1.0231	3.2589	4.2819	28.5784	2.4547	1.00060
1.40	1.0361	3.2593	4.2953	28.1049	2.6602	1.00047
1.60	1.0571	3.2604	4.3175	27.6244	2.8689	1.00037
1.80	1.0915	3.2627	4.3541	27.1327	3.0828	1.00029
2.00	1.1484	3.2670	4.4154	26.6224	3.3049	1.00022
2.20	1.2451	3.2757	4.5208	26.0820	3.5400	1.00017
2.40	1.4166	3.2939	4.7105	25.4913	3.7961	1.00012
2.60	1.7415	3.3358	5.0773	24.8144	4.0857	1.00008
2.80	2.4206	3.4422	5.8628	23.9821	4.4287	1.00005
3.00	4.0251	3.7337	7.7587	22.8504	4.8496	1.00003

T= 4900						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	1.9913	26.0413	28.0326	75.8832	-5.4471	1.99130
-6.80	1.9850	25.8925	27.8775	74.8187	-5.2484	1.98502
-6.60	1.9756	25.6732	27.6489	73.6873	-5.0505	1.97564
-6.40	1.9617	25.3488	27.3104	72.4561	-4.8536	1.96166
-6.20	1.9411	24.8749	26.8160	71.0832	-4.6581	1.94114
-6.00	1.9119	24.2011	26.1130	69.5219	-4.4647	1.91190
-5.80	1.8719	23.2814	25.1533	67.7305	-4.2739	1.87195
-5.60	1.8201	22.0897	23.9099	65.6882	-4.0861	1.82014
-5.40	1.7569	20.6365	22.3934	63.4109	-3.9014	1.75695
-5.20	1.6847	18.9746	20.6593	60.9563	-3.7197	1.68466

T= 4900						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.6070	17.1897	18.7967	58.4133	-3.5402	1.60702
-4.80	1.5282	15.3788	16.9070	55.8805	-3.3620	1.52824
-4.60	1.4521	13.6296	15.0817	53.4452	-3.1842	1.45213
-4.40	1.3816	12.0073	13.3889	51.1707	-3.0058	1.38155
-4.20	1.3182	10.5514	11.8696	49.0935	-2.8262	1.31821
-4.00	1.2628	9.2784	10.5412	47.2264	-2.6449	1.26282
-3.80	1.2154	8.1879	9.4033	45.5657	-2.4615	1.21537
-3.60	1.1754	7.2688	8.4442	44.0963	-2.2760	1.17538
-3.40	1.1421	6.5037	7.6458	42.7978	-2.0885	1.14209
-3.20	1.1147	5.8732	6.9878	41.6479	-1.8991	1.11466
-3.00	1.0922	5.3576	6.4498	40.6243	-1.7079	1.09222
-2.80	1.0740	4.9385	6.0125	39.7065	-1.5152	1.07398
-2.60	1.0592	4.5995	5.6587	38.8765	-1.3212	1.05923
-2.40	1.0473	4.3263	5.3737	38.1183	-1.1261	1.04735
-2.20	1.0378	4.1068	5.1446	37.4188	-0.9301	1.03780
-2.00	1.0302	3.9309	4.9611	36.7668	-0.7333	1.03014
-1.80	1.0240	3.7902	4.8142	36.1531	-0.5359	1.02402
-1.60	1.0192	3.6777	4.6969	35.5703	-0.3380	1.01913
-1.40	1.0153	3.5880	4.6033	35.0121	-0.1396	1.01522
-1.20	1.0122	3.5165	4.5287	34.4738	0.0591	1.01211
-1.00	1.0098	3.4595	4.4693	33.9513	0.2580	1.00963
-0.80	1.0079	3.4142	4.4221	33.4414	0.4572	1.00766
-0.60	1.0064	3.3781	4.3846	32.9415	0.6566	1.00609
-0.40	1.0054	3.3494	4.3548	32.4496	0.8561	1.00484
-0.20	1.0047	3.3266	4.3314	31.9639	1.0558	1.00384
0.0	1.0045	3.3085	4.3130	31.4832	1.2557	1.00305
0.20	1.0047	3.2950	4.2996	31.0070	1.4558	1.00243
0.40	1.0054	3.2842	4.2896	30.5334	1.6561	1.00193
0.60	1.0072	3.2767	4.2839	30.0625	1.8569	1.00153
0.80	1.0088	3.2749	4.2836	29.5966	2.0576	1.00121
1.00	1.0151	3.2753	4.2904	29.1311	2.2603	1.00096
1.20	1.0231	3.2750	4.2980	28.6616	2.4637	1.00076
1.40	1.0360	3.2754	4.3114	28.1881	2.6691	1.00060
1.60	1.0570	3.2764	4.3335	27.7076	2.8779	1.00047
1.80	1.0913	3.2787	4.3700	27.2159	3.0917	1.00037
2.00	1.1481	3.2830	4.4311	26.7056	3.3138	1.00028
2.20	1.2446	3.2915	4.5361	26.1652	3.5488	1.00021
2.40	1.4154	3.3094	4.7248	25.5745	3.8047	1.00016
2.60	1.7387	3.3502	5.0889	24.8975	4.0940	1.00011
2.80	2.4132	3.4540	5.8673	24.0648	4.4364	1.00007
3.00	4.0037	3.7383	7.7420	22.9318	4.8562	1.00004

T= 5000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	1.9958	25.7043	27.7001	76.0688	-5.4373	1.99585
-6.80	1.9915	25.6004	27.5919	75.0467	-5.2382	1.99153
-6.60	1.9852	25.4526	27.4378	73.9831	-5.0396	1.98520
-6.40	1.9758	25.2361	27.2118	72.8544	-4.8417	1.97577
-6.20	1.9617	24.9166	26.8784	71.6281	-4.6448	1.96173
-6.00	1.9412	24.4508	26.3920	70.2633	-4.4494	1.94116
-5.80	1.9119	23.7892	25.7010	68.7141	-4.2560	1.91188
-5.60	1.8719	22.8865	24.7583	66.9397	-4.0651	1.87187
-5.40	1.8200	21.7173	23.5374	64.9200	-3.8773	1.82002
-5.20	1.7558	20.2921	22.0489	62.6708	-3.6927	1.75679

T= 5000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.6845	18.6626	20.3471	60.2486	-3.5110	1.68447
-4.80	1.6058	16.9128	18.5196	57.7409	-3.3315	1.60681
-4.60	1.5280	15.1379	16.6659	55.2442	-3.1533	1.52803
-4.40	1.4519	13.4238	14.8757	52.8441	-2.9755	1.45193
-4.20	1.3914	11.8343	13.2156	50.6024	-2.7971	1.38137
-4.00	1.3180	10.4078	11.7259	48.5547	-2.6175	1.31804
-3.80	1.2527	9.1607	10.4234	46.7137	-2.4361	1.26268
-3.60	1.2152	8.0925	9.3077	45.0752	-2.2528	1.21525
-3.40	1.1753	7.1921	8.3674	43.6246	-2.0673	1.17528
-3.20	1.1420	6.4427	7.5847	42.3419	-1.8798	1.14200
-3.00	1.1146	5.8251	6.9397	41.2049	-1.6903	1.11458
-2.80	1.0922	5.3201	6.4122	40.1919	-1.4991	1.09216
-2.60	1.0739	4.9096	5.9835	39.2828	-1.3064	1.07394
-2.40	1.0592	4.5775	5.6367	38.4597	-1.1124	1.05920
-2.20	1.0473	4.3100	5.3573	37.7072	-0.9173	1.04732
-2.00	1.0378	4.0950	5.1328	37.0122	-0.7213	1.03777
-1.80	1.0301	3.9227	4.9529	36.3638	-0.5245	1.03012
-1.60	1.0240	3.7849	4.8089	35.7531	-0.3271	1.02400
-1.40	1.0192	3.6748	4.6939	35.1725	-0.1292	1.01911
-1.20	1.0153	3.5869	4.6022	34.6162	0.0692	1.01521
-1.00	1.0122	3.5169	4.5291	34.0794	0.2679	1.01210
-0.80	1.0098	3.4611	4.4709	33.5580	0.4668	1.00962
-0.60	1.0080	3.4167	4.4247	33.0490	0.6660	1.00765
-0.40	1.0066	3.3813	4.3880	32.5498	0.8654	1.00608
-0.20	1.0057	3.3533	4.3590	32.0583	1.0650	1.00483
0.0	1.0053	3.3309	4.3362	31.5730	1.2648	1.00384
0.20	1.0052	3.3154	4.3206	31.0945	1.4648	1.00305
0.40	1.0059	3.3028	4.3087	30.6189	1.6651	1.00242
0.60	1.0074	3.2944	4.3018	30.1469	1.8658	1.00192
0.80	1.0087	3.2925	4.3012	29.6809	2.0663	1.00152
1.00	1.0151	3.2929	4.3081	29.2155	2.2691	1.00121
1.20	1.0231	3.2926	4.3157	28.7459	2.4725	1.00095
1.40	1.0360	3.2930	4.3290	28.2724	2.6779	1.00075
1.60	1.0570	3.2941	4.3510	27.7919	2.8866	1.00059
1.80	1.0912	3.2963	4.3875	27.3002	3.1004	1.00046
2.00	1.1479	3.3005	4.4483	26.7899	3.3224	1.00036
2.20	1.2441	3.3088	4.5529	26.2495	3.5574	1.00027
2.40	1.4143	3.3263	4.7406	25.6588	3.8131	1.00020
2.60	1.7360	3.3662	5.1022	24.9816	4.1021	1.00015
2.80	2.4062	3.4672	5.8734	24.1481	4.4439	1.00011
3.00	3.9833	3.7440	7.7274	23.0135	4.8628	1.00008

T= 5100						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	1.9992	25.3608	27.3600	75.2310	-5.4280	1.99925
-6.80	1.9960	25.2811	27.2771	75.2313	-5.2287	1.99605
-6.60	1.9916	25.1757	27.1673	74.2076	-5.0296	1.99160
-6.40	1.9851	25.0270	27.0121	73.1432	-4.8310	1.98513
-6.20	1.9755	24.8102	26.7857	72.0143	-4.6331	1.97552
-6.00	1.9613	24.4915	26.4527	70.7889	-4.4363	1.96126
-5.80	1.9404	24.0278	25.9681	69.4264	-4.2409	1.94039
-5.60	1.9107	23.3705	25.2812	67.8820	-4.0476	1.91074
-5.40	1.8703	22.4756	24.3459	66.1161	-3.8569	1.87031
-5.20	1.8180	21.3192	23.1373	64.1100	-3.6692	1.81803

T= 5100						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.00	1.7544	19.9129	21.6673	61.8807	-3.4847	1.75441
-4.80	1.6818	18.3088	19.9907	59.4951	-3.3030	1.68183
-4.60	1.6040	16.5901	18.1941	57.0096	-3.1236	1.60405
-4.40	1.5253	14.8500	16.3753	54.5490	-2.9455	1.52529
-4.20	1.4493	13.1721	14.6215	52.1864	-2.7677	1.44935
-4.00	1.3790	11.6183	12.9973	49.9815	-2.5893	1.37901
-3.80	1.3160	10.2253	11.5413	47.9683	-2.4096	1.31596
-3.60	1.2609	9.0085	10.2693	46.1584	-2.2282	1.26087
-3.40	1.2137	7.9668	9.1805	44.5473	-2.0447	1.21372
-3.20	1.1740	7.0893	8.2633	43.1202	-1.8592	1.17399
-3.00	1.1409	6.3592	7.5001	41.8574	-1.6716	1.14094
-2.80	1.1137	5.7577	6.8714	40.7369	-1.4821	1.11371
-2.60	1.0915	5.2660	6.3574	39.7376	-1.2908	1.09145
-2.40	1.0734	4.8664	5.9397	38.8397	-1.0981	1.07336
-2.20	1.0587	4.5432	5.6019	38.0257	-0.9040	1.05873
-2.00	1.0470	4.2828	5.3297	37.2805	-0.7089	1.04694
-1.80	1.0375	4.0736	5.1111	36.5914	-0.5128	1.03747
-1.60	1.0299	3.9059	4.9359	35.9478	-0.3160	1.02988
-1.40	1.0239	3.7718	4.7957	35.3408	-0.1186	1.02381
-1.20	1.0190	3.6647	4.6837	34.7634	0.0794	1.01896
-1.00	1.0152	3.5792	4.5944	34.2095	0.2777	1.01509
-0.80	1.0122	3.5111	4.5233	33.6745	0.4764	1.01200
-0.60	1.0099	3.4568	4.4667	33.1547	0.6754	1.00955
-0.40	1.0082	3.4136	4.4217	32.6468	0.8747	1.00759
-0.20	1.0069	3.3792	4.3862	32.1485	1.0742	1.00603
0.0	1.0062	3.3519	4.3581	31.6576	1.2739	1.00479
0.20	1.0061	3.3302	4.3363	31.1726	1.4738	1.00381
0.40	1.0066	3.3131	4.3197	30.6921	1.6740	1.00302
0.60	1.0081	3.2995	4.3076	30.2147	1.8747	1.00240
0.80	1.0109	3.2889	4.2998	29.7392	2.0759	1.00190
1.00	1.0157	3.2807	4.2964	29.2645	2.2779	1.00151
1.20	1.0237	3.2747	4.2984	28.7890	2.4813	1.00119
1.40	1.0366	3.2705	4.3071	28.3107	2.6868	1.00094
1.60	1.0573	3.2683	4.3256	27.8267	2.8954	1.00074
1.80	1.0902	3.2683	4.3585	27.3328	3.1087	1.00058
2.00	1.1424	3.2711	4.4135	26.8225	3.3290	1.00044
2.20	1.2253	3.2777	4.5030	26.2854	3.5594	1.00034
2.40	1.3568	3.2900	4.6468	25.7054	3.8037	1.00025

T= 5200						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	2.0021	25.0238	27.0259	76.3828	-5.4189	2.00211
-6.80	1.9995	24.9542	26.9537	75.3917	-5.2195	1.99947
-6.60	1.9961	24.8714	26.8675	74.3889	-5.0202	1.99610
-6.40	1.9914	24.7629	26.7543	73.3621	-4.8212	1.99145
-6.20	1.9847	24.6107	26.5955	72.2943	-4.6227	1.98472
-6.00	1.9748	24.3899	26.3647	71.1616	-4.4249	1.97476
-5.80	1.9600	24.0663	26.0263	69.9318	-4.2281	1.96001
-5.60	1.9385	23.5971	25.5356	68.5646	-4.0329	1.93849
-5.40	1.9080	22.9344	24.8424	67.0158	-3.8398	1.90802
-5.20	1.8666	22.0359	23.9026	65.2478	-3.6493	1.86665
-5.00	1.8134	20.8806	22.6940	63.2446	-3.4619	1.81340
-4.80	1.7489	19.4828	21.2317	61.0261	-3.2776	1.74895
-4.60	1.6758	17.3967	19.5725	58.6512	-3.0962	1.67579

T= 5200						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-4.40	1.5978	16.2054	17.8032	56.2061	-2.9169	1.59777
-4.20	1.5191	14.5004	16.0195	53.7834	-2.7388	1.51910
-4.00	1.4435	12.8622	14.3057	51.4632	-2.5610	1.44351
-3.80	1.3737	11.3494	12.7231	49.3020	-2.3825	1.37371
-3.60	1.3113	9.9964	11.3077	47.3310	-2.2027	1.31127
-3.40	1.2568	8.8166	10.0734	45.5602	-2.0211	1.25683
-3.20	1.2103	7.8081	9.0184	43.9839	-1.8375	1.21029
-3.00	1.1711	6.9594	8.1306	42.5872	-1.6518	1.17112
-2.80	1.1386	6.2540	7.3926	41.3502	-1.4640	1.13857
-2.60	1.1118	5.6732	6.7850	40.2515	-1.2744	1.11177
-2.40	1.0899	5.1987	6.2885	39.2701	-1.0830	1.08987
-2.20	1.0721	4.8132	5.8853	38.3870	-0.8902	1.07208
-2.00	1.0577	4.5016	5.5593	37.5351	-0.6960	1.05769
-1.80	1.0461	4.2505	5.2967	36.8497	-0.5008	1.04611
-1.60	1.0368	4.0489	5.0857	36.1685	-0.3047	1.03680
-1.40	1.0294	3.8873	4.9167	35.5313	-0.1078	1.02935
-1.20	1.0235	3.7581	4.7816	34.9294	0.0897	1.02338
-1.00	1.0188	3.6549	4.6736	34.3560	0.2877	1.01862
-0.80	1.0150	3.5725	4.5876	33.8053	0.4861	1.01482
-0.60	1.0121	3.5069	4.5190	33.2730	0.6848	1.01179
-0.40	1.0099	3.4546	4.4645	32.7551	0.8839	1.00937
-0.20	1.0083	3.4130	4.4213	32.2488	1.0832	1.00745
0.0	1.0073	3.3799	4.3873	31.7516	1.2828	1.00592
0.20	1.0070	3.3536	4.3606	31.2615	1.4826	1.00470
0.40	1.0073	3.3328	4.3401	30.7769	1.6828	1.00374
0.60	1.0086	3.3163	4.3250	30.2963	1.8833	1.00296
0.80	1.0113	3.3034	4.3147	29.8184	2.0845	1.00235
1.00	1.0160	3.2934	4.3094	29.3416	2.2865	1.00186
1.20	1.0239	3.2859	4.3098	28.8645	2.4899	1.00147
1.40	1.0368	3.2806	4.3173	28.3849	2.6953	1.00116
1.60	1.0573	3.2775	4.3348	27.9000	2.9038	1.00091
1.80	1.0901	3.2767	4.3669	27.4054	3.1171	1.00071
2.00	1.1422	3.2790	4.4212	26.8946	3.3374	1.00055
2.20	1.2249	3.2852	4.5102	26.3572	3.5677	1.00042
2.40	1.3561	3.2974	4.6534	25.7773	3.8119	1.00031

T= 5300						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	2.0049	24.7047	26.7096	76.5367	-5.4100	2.00490
-6.80	2.0024	24.6352	26.6376	75.5445	-5.2106	2.00242
-6.60	1.9996	24.5619	26.5615	74.5497	-5.0112	1.99960
-6.40	1.9960	24.4752	26.4713	73.5429	-4.8120	1.99602
-6.20	1.9911	24.3623	26.3533	72.5118	-4.6130	1.99110
-6.00	1.9840	24.2046	26.1886	71.4388	-4.4146	1.98400
-5.80	1.9735	23.9766	25.9501	70.2993	-4.2169	1.97353
-5.60	1.9581	23.6437	25.6017	69.0609	-4.0203	1.95807
-5.40	1.9356	23.1628	25.0994	67.6931	-3.8253	1.93562
-5.20	1.9040	22.4870	24.3909	66.1228	-3.6325	1.90396
-5.00	1.8612	21.5763	23.4375	64.3447	-3.4423	1.86123
-4.80	1.8066	20.4132	22.2198	62.3367	-3.2553	1.80661
-4.60	1.7410	19.0165	20.7575	60.1227	-3.0713	1.74099
-4.40	1.6670	17.4435	19.1105	57.7646	-2.8902	1.66705
-4.20	1.5897	15.7774	17.3662	55.3489	-2.7111	1.58873
-4.00	1.5102	14.1079	15.6181	52.9658	-2.5331	1.51024

T= 5300						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-3.80	1.4352	12.5117	13.9469	50.6917	-2.3552	1.43519
-3.60	1.3662	11.0438	12.4100	48.5789	-2.1766	1.36617
-3.40	1.3046	9.7351	11.0398	46.6556	-1.9966	1.30463
-3.20	1.2511	8.5969	9.8480	44.9292	-1.8148	1.25111
-3.00	1.2054	7.6258	8.8313	43.3928	-1.6310	1.20544
-2.80	1.1671	6.8100	7.9771	42.0309	-1.4450	1.16708
-2.60	1.1352	6.1327	7.2679	40.8237	-1.2570	1.13522
-2.40	1.1090	5.5756	6.6846	39.7500	-1.0672	1.10903
-2.20	1.0876	5.1207	6.2083	38.7895	-0.8756	1.08763
-2.00	1.0703	4.7514	5.8217	37.9235	-0.6826	1.07027
-1.80	1.0563	4.4530	5.5093	37.1356	-0.4883	1.05623
-1.60	1.0450	4.2128	5.2577	36.4116	-0.2930	1.04493
-1.40	1.0359	4.0198	5.0558	35.7396	-0.0968	1.03586
-1.20	1.0287	3.8653	4.8940	35.1097	0.1002	1.02859
-1.00	1.0229	3.7417	4.7646	34.5138	0.2977	1.02278
-0.80	1.0184	3.6430	4.6613	33.9451	0.4958	1.01814
-0.60	1.0148	3.5642	4.5790	33.3982	0.6942	1.01443
-0.40	1.0120	3.5015	4.5135	32.8688	0.8931	1.01148
-0.20	1.0100	3.4515	4.4615	32.3532	1.0922	1.00913
0.0	1.0087	3.4117	4.4204	31.8487	1.2916	1.00725
0.20	1.0080	3.3801	4.3882	31.3527	1.4913	1.00576
0.40	1.0081	3.3551	4.3632	30.8635	1.6914	1.00458
0.60	1.0093	3.3352	4.3445	30.3791	1.8919	1.00363
0.80	1.0118	3.3196	4.3314	29.8982	2.0930	1.00288
1.00	1.0164	3.3075	4.3239	29.4191	2.2950	1.00228
1.20	1.0242	3.2982	4.3225	28.9402	2.4983	1.00181
1.40	1.0370	3.2916	4.3286	28.4592	2.7036	1.00142
1.60	1.0574	3.2874	4.3449	27.9731	2.9121	1.00112
1.80	1.0901	3.2859	4.3760	27.4776	3.1253	1.00087
2.00	1.1421	3.2875	4.4296	26.9662	3.3456	1.00067
2.20	1.2246	3.2933	4.5179	26.4285	3.5759	1.00051
2.40	1.3554	3.3051	4.6606	25.8486	3.8200	1.00038

T= 5400						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	2.0079	24.4107	26.4186	76.7013	-5.4012	2.00795
-6.80	2.0053	24.3334	26.3387	75.6999	-5.2018	2.00532
-6.60	2.0026	24.2599	26.2626	74.7035	-5.0024	2.00265
-6.40	1.9996	24.1825	26.1821	73.7045	-4.8031	1.99962
-6.20	1.9958	24.0912	26.0870	72.6933	-4.6039	1.99579
-6.00	1.9905	23.9725	25.9631	71.6566	-4.4050	1.99053
-5.80	1.9830	23.8073	25.7903	70.5763	-4.2067	1.98296
-5.60	1.9718	23.5690	25.5408	69.4272	-4.0091	1.97181
-5.40	1.9554	23.2223	25.1777	68.1760	-3.8128	1.95542
-5.20	1.9317	22.7239	24.6556	66.7822	-3.6181	1.93171
-5.00	1.8985	22.0278	23.9263	65.2038	-3.4256	1.89851
-4.80	1.8540	21.0970	22.9510	63.4085	-3.2359	1.85402
-4.60	1.7977	19.9188	21.7165	61.3890	-3.0493	1.79767
-4.40	1.7306	18.5175	20.2480	59.1749	-2.8658	1.73060
-4.20	1.6557	16.9539	18.6096	56.8313	-2.6850	1.65574
-4.00	1.5771	15.3122	16.8893	54.4452	-2.5061	1.57713
-3.80	1.4989	13.6793	15.1782	52.1041	-2.3282	1.49893
-3.60	1.4246	12.1279	13.5525	49.8797	-2.1503	1.42463
-3.40	1.3566	10.7083	12.0649	47.8200	-1.9715	1.35664

T= 5400						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-3.20	1.2963	9.4478	10.7441	45.9490	-1.7913	1.29626
-3.00	1.2439	8.3549	9.5988	44.2715	-1.6092	1.24391
-2.80	1.1994	7.4249	8.6243	42.7792	-1.4250	1.19936
-2.60	1.1620	6.6451	7.8071	41.4559	-1.2388	1.16201
-2.40	1.1310	5.9986	7.1297	40.2817	-1.0505	1.13104
-2.20	1.1056	5.4676	6.5732	39.2358	-0.8604	1.10560
-2.00	1.0849	5.0343	6.1192	38.2983	-0.6686	1.08484
-1.80	1.0680	4.6829	5.7510	37.4514	-0.4754	1.06801
-1.60	1.0544	4.3991	5.4536	36.6789	-0.2810	1.05441
-1.40	1.0435	4.1707	5.2142	35.9675	-0.0855	1.04347
-1.20	1.0348	3.9873	5.0221	35.3057	0.1108	1.03469
-1.00	1.0278	3.8405	4.8683	34.6840	0.3079	1.02765
-0.80	1.0223	3.7231	4.7454	34.0946	0.5055	1.02203
-0.60	1.0179	3.6293	4.6472	33.5311	0.7037	1.01754
-0.40	1.0145	3.5546	4.5691	32.9884	0.9023	1.01395
-0.20	1.0120	3.4950	4.5070	32.4622	1.1012	1.01110
0.0	1.0102	3.4476	4.4578	31.9492	1.3004	1.00882
0.20	1.0093	3.4099	4.4191	31.4465	1.5000	1.00701
0.40	1.0091	3.3799	4.3891	30.9518	1.6999	1.00557
0.60	1.0101	3.3562	4.3663	30.4632	1.9003	1.00442
0.80	1.0124	3.3375	4.3499	29.9789	2.1014	1.00351
1.00	1.0169	3.3229	4.3398	29.4971	2.3033	1.00278
1.20	1.0246	3.3117	4.3363	29.0160	2.5065	1.00220
1.40	1.0372	3.3035	4.3407	28.5333	2.7119	1.00173
1.60	1.0576	3.2981	4.3557	28.0459	2.9203	1.00136
1.80	1.0901	3.2956	4.3857	27.5494	3.1335	1.00106
2.00	1.1419	3.2964	4.4384	27.0373	3.3536	1.00082
2.20	1.2242	3.3017	4.5259	26.4991	3.5839	1.00062
2.40	1.3548	3.3132	4.6680	25.9191	3.8279	1.00046

T= 5500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	2.0115	24.1478	26.1594	76.8836	-5.3925	2.01153
-6.80	2.0085	24.0558	26.0642	75.8659	-5.1932	2.00848
-6.60	2.0057	23.9744	25.9800	74.8602	-4.9938	2.00566
-6.40	2.0028	23.8968	25.8996	73.8596	-4.7944	2.00279
-6.20	1.9995	23.8149	25.8144	72.8562	-4.5951	1.99952
-6.00	1.9954	23.7182	25.7136	71.8396	-4.3960	1.99538
-5.80	1.9897	23.5924	25.5821	70.7961	-4.1972	1.98971
-5.60	1.9815	23.4174	25.3990	69.7066	-3.9990	1.98154
-5.40	1.9695	23.1656	25.1351	68.5448	-3.8017	1.96954
-5.20	1.9520	22.8006	24.7525	67.2765	-3.6056	1.95197
-5.00	1.9267	22.2787	24.2055	65.8613	-3.4112	1.92670
-4.80	1.8916	21.5555	23.4471	64.2584	-3.2192	1.89156
-4.60	1.8449	20.5975	22.4425	62.4396	-3.0300	1.84495
-4.40	1.7965	19.3981	21.1847	60.4036	-2.8440	1.78653
-4.20	1.7178	17.9879	19.7057	58.1861	-2.6611	1.71781
-4.00	1.6420	16.4319	18.0739	55.8564	-2.4807	1.64196
-3.80	1.5631	14.8149	16.3781	53.5013	-2.3020	1.56312
-3.60	1.4854	13.2207	14.7061	51.2052	-2.1242	1.48538
-3.40	1.4120	11.7170	13.1291	49.0347	-1.9462	1.41205
-3.20	1.3453	10.3492	11.6945	47.0322	-1.7672	1.34534
-3.00	1.2864	9.1403	10.4267	45.2176	-1.5867	1.28638
-2.80	1.2354	8.0960	9.3314	43.5929	-1.4042	1.23544

T= 5500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-2.60	1.1922	7.2099	8.4021	42.1482	-1.2197	1.19222
-2.40	1.1561	6.4686	7.6246	40.8663	-1.0330	1.15606
-2.20	1.1261	5.8551	6.9813	39.7276	-0.8444	1.12614
-2.00	1.1016	5.3518	6.4534	38.7116	-0.6540	1.10159
-1.80	1.0816	4.9418	6.0234	37.7990	-0.4620	1.08159
-1.60	1.0654	4.6094	5.6748	36.9724	-0.2685	1.06538
-1.40	1.0523	4.3412	5.3935	36.2166	-0.0739	1.05229
-1.20	1.0419	4.1254	5.1672	35.5187	0.1218	1.04176
-1.00	1.0335	3.9523	4.9857	34.8678	0.3183	1.03332
-0.80	1.0268	3.8136	4.8404	34.2548	0.5154	1.02656
-0.60	1.0215	3.7029	4.7244	33.6725	0.7132	1.02115
-0.40	1.0174	3.6144	4.6318	33.1146	0.9115	1.01684
-0.20	1.0143	3.5439	4.5582	32.5763	1.1101	1.01339
0.0	1.0121	3.4877	4.4998	32.0535	1.3092	1.01065
0.20	1.0107	3.4430	4.4537	31.5431	1.5086	1.00847
0.40	1.0103	3.4075	4.4178	31.0423	1.7084	1.00673
0.60	1.0110	3.3793	4.3903	30.5487	1.9087	1.00534
0.80	1.0132	3.3571	4.3702	30.0605	2.1096	1.00424
1.00	1.0175	3.3396	4.3571	29.5756	2.3115	1.00336
1.20	1.0250	3.3262	4.3512	29.0920	2.5147	1.00266
1.40	1.0375	3.3162	4.3537	28.6073	2.7200	1.00209
1.60	1.0578	3.3094	4.3672	28.1184	2.9283	1.00164
1.80	1.0902	3.3058	4.3960	27.6208	3.1415	1.00128
2.00	1.1418	3.3058	4.4476	27.1078	3.3616	1.00099
2.20	1.2239	3.3104	4.5343	26.5691	3.5917	1.00075
2.40	1.3542	3.3214	4.6756	25.9888	3.8356	1.00055

T= 5600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	2.0159	23.9217	25.9376	77.0903	-5.3837	2.01590
-6.80	2.0122	23.8078	25.8200	76.0490	-5.1845	2.01216
-6.60	2.0089	23.7116	25.7205	75.0269	-4.9852	2.00892
-6.40	2.0059	23.6263	25.6322	74.0172	-4.7859	2.00590
-6.20	2.0028	23.5446	25.5474	73.0124	-4.5866	2.00281
-6.00	1.9993	23.4579	25.4572	72.0042	-4.3873	1.99928
-5.80	1.9948	23.3550	25.3497	70.9815	-4.1883	1.99478
-5.60	1.9886	23.2205	25.2091	69.9298	-3.9897	1.98859
-5.40	1.9797	23.0334	25.0131	68.8288	-3.7916	1.97969
-5.20	1.9666	22.7645	24.7312	67.6511	-3.5945	1.96664
-5.00	1.9476	22.3764	24.3241	66.3614	-3.3987	1.94762
-4.80	1.9204	21.8253	23.7458	64.9193	-3.2048	1.92045
-4.60	1.8830	21.0693	22.9514	63.2861	-3.0134	1.88302
-4.40	1.8339	20.0769	21.9109	61.4384	-2.8248	1.83391
-4.20	1.7732	18.8516	20.6247	59.3320	-2.6395	1.77317
-4.00	1.7026	17.4299	19.1326	57.1597	-2.4571	1.70265
-3.80	1.6258	15.8816	17.5074	54.8448	-2.2771	1.62582
-3.60	1.5469	14.2909	15.8378	52.5236	-2.0987	1.54688
-3.40	1.4698	12.7381	14.2079	50.2763	-1.9209	1.46981
-3.20	1.3977	11.2854	12.6831	48.1635	-1.7428	1.39770
-3.00	1.3325	9.9725	11.3050	46.2222	-1.5635	1.33252
-2.80	1.2752	8.8181	10.0933	44.4678	-1.3826	1.27521
-2.60	1.2259	7.9250	9.0509	42.8991	-1.1997	1.22591
-2.40	1.1842	6.9851	8.1693	41.5044	-1.0148	1.18421
-2.20	1.1494	6.2841	7.4335	40.2663	-0.8277	1.14940

T= 5600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-2.00	1.1207	5.7051	6.8258	39.1649	-0.6387	1.12066
-1.80	1.0971	5.2309	6.3281	38.1802	-0.4479	1.09712
-1.60	1.0780	4.8450	5.9230	37.2936	-0.2556	1.07795
-1.40	1.0625	4.5325	5.5950	36.4884	-0.0619	1.06244
-1.20	1.0500	4.2805	5.3305	35.7500	0.1330	1.04992
-1.00	1.0400	4.0779	5.1179	35.0663	0.3288	1.03986
-0.80	1.0320	3.9154	4.9474	34.4268	0.5255	1.03180
-0.60	1.0257	3.7854	4.8111	33.8230	0.7228	1.02534
-0.40	1.0207	3.6815	4.7022	33.2479	0.9207	1.02018
-0.20	1.0170	3.5985	4.6155	32.6958	1.1191	1.01606
0.0	1.0142	3.5324	4.5466	32.1621	1.3179	1.01277
0.20	1.0124	3.4798	4.4922	31.6428	1.5171	1.01015
0.40	1.0116	3.4380	4.4496	31.1350	1.7168	1.00807
0.60	1.0120	3.4047	4.4168	30.6358	1.9170	1.00641
0.80	1.0140	3.3785	4.3924	30.1431	2.1178	1.00508
1.00	1.0181	3.3578	4.3759	29.6547	2.3196	1.00403
1.20	1.0255	3.3418	4.3673	29.1683	2.5227	1.00319
1.40	1.0379	3.3298	4.3677	28.6814	2.7279	1.00251
1.60	1.0590	3.3214	4.3794	28.1907	2.9363	1.00197
1.80	1.0903	3.3165	4.4067	27.6917	3.1493	1.00154
2.00	1.1418	3.3155	4.4572	27.1777	3.3694	1.00119
2.20	1.2236	3.3193	4.5430	26.6383	3.5994	1.00090
2.40	1.3536	3.3298	4.6834	26.0577	3.8433	1.00067

T= 5700						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	2.0213	23.7380	25.7593	77.3285	-5.3749	2.02132
-6.80	2.0166	23.5949	25.6115	76.2556	-5.1759	2.01662
-6.60	2.0127	23.4771	25.4898	75.2101	-4.9767	2.01268
-6.40	2.0092	23.3774	25.3866	74.1843	-4.7775	2.00925
-6.20	2.0060	23.2884	25.2944	73.1708	-4.5782	2.00603
-6.00	2.0027	23.2025	25.2052	72.1618	-4.3789	2.00270
-5.80	1.9989	23.1104	25.1093	71.1483	-4.1797	1.99886
-5.60	1.9939	23.0002	24.9941	70.1186	-3.9808	1.99393
-5.40	1.9871	22.8554	24.8426	69.0571	-3.7823	1.98713
-5.20	1.9773	22.6535	24.6308	67.9422	-3.5844	1.97734
-5.00	1.9630	22.3638	24.3268	66.7450	-3.3876	1.96302
-4.80	1.9422	21.9476	23.8898	65.4292	-3.1922	1.94225
-4.60	1.9128	21.3611	23.2739	63.9547	-2.9988	1.91283
-4.40	1.8727	20.5641	22.4369	62.2857	-2.8080	1.87272
-4.20	1.8208	19.5340	21.3548	60.4046	-2.6203	1.82081
-4.00	1.7575	18.2795	20.0370	58.3258	-2.4356	1.75752
-3.80	1.6852	16.8458	18.5310	56.0991	-2.2539	1.68516
-3.60	1.6074	15.3065	16.9139	53.8015	-2.0744	1.60745
-3.40	1.5286	13.7451	15.2737	51.5180	-1.8962	1.52860
-3.20	1.4524	12.2371	13.6895	49.3238	-1.7184	1.45244
-3.00	1.3918	10.8387	12.2205	47.2730	-1.5401	1.38181
-2.80	1.3184	9.5837	10.9021	45.3966	-1.3605	1.31842
-2.60	1.2630	8.4864	9.7494	43.7052	-1.1791	1.26299
-2.40	1.2155	7.5465	8.7621	42.1949	-0.9958	1.21551
-2.20	1.1755	6.7543	7.9298	40.8524	-0.8103	1.17549
-2.00	1.1422	6.0949	7.2371	39.6596	-0.6228	1.14218
-1.80	1.1147	5.5515	6.6663	38.5967	-0.4333	1.11473
-1.60	1.0923	5.1071	6.1994	37.6443	-0.2422	1.09229

T= 5700						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-1.40	1.0741	4.7459	5.8200	36.7844	-0.0495	1.07403
-1.20	1.0594	4.4538	5.5131	36.0011	0.1445	1.05927
-1.00	1.0475	4.2183	5.2659	35.2807	0.3396	1.04737
-0.80	1.0380	4.0292	5.0672	34.6114	0.5357	1.03781
-0.60	1.0305	3.8776	4.9081	33.9835	0.7325	1.03015
-0.40	1.0246	3.7563	4.7809	33.3891	0.9300	1.02402
-0.20	1.0200	3.6594	4.6794	32.8215	1.1281	1.01913
0.0	1.0166	3.5821	4.5988	32.2753	1.3266	1.01522
0.20	1.0143	3.5205	4.5349	31.7461	1.5257	1.01210
0.40	1.0132	3.4715	4.4847	31.2302	1.7252	1.00962
0.60	1.0133	3.4326	4.4458	30.7247	1.9252	1.00764
0.80	1.0150	3.4017	4.4167	30.2270	2.1259	1.00606
1.00	1.0189	3.3775	4.3964	29.7345	2.3276	1.00480
1.20	1.0261	3.3586	4.3847	29.2449	2.5307	1.00380
1.40	1.0383	3.3443	4.3826	28.7554	2.7358	1.00300
1.60	1.0583	3.3340	4.3923	28.2628	2.9441	1.00236
1.80	1.0904	3.3276	4.4180	27.7622	3.1571	1.00184
2.00	1.1417	3.3255	4.4672	27.2470	3.3770	1.00142
2.20	1.2234	3.3284	4.5518	26.7068	3.6070	1.00108
2.40	1.3530	3.3383	4.6914	26.1257	3.8508	1.00080

T= 5800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	2.0281	23.6028	25.6308	77.6052	-5.3659	2.02806
-6.80	2.0221	23.4223	25.4443	76.4921	-5.1672	2.02209
-6.60	2.0172	23.2758	25.2930	75.4156	-4.9682	2.01719
-6.40	2.0131	23.1549	25.1680	74.3668	-4.7691	2.01307
-6.20	2.0094	23.0520	25.0615	73.3376	-4.5699	2.00945
-6.00	2.0060	22.9595	24.9655	72.3206	-4.3706	2.00602
-5.80	2.0024	22.8692	24.8717	71.3073	-4.1714	2.00244
-5.60	1.9982	22.7712	24.7694	70.2880	-3.9723	1.99824
-5.40	1.9928	22.6525	24.6453	69.2503	-3.7735	1.99281
-5.20	1.9853	22.4954	24.4807	68.1771	-3.5751	1.98527
-5.00	1.9744	22.2756	24.2500	67.0454	-3.3775	1.97440
-4.80	1.9585	21.9608	23.9194	65.8248	-3.1810	1.95955
-4.60	1.9357	21.5111	23.4468	64.4780	-2.9861	1.93571
-4.40	1.9036	20.8831	22.7868	62.9657	-2.7934	1.90365
-4.20	1.8605	20.0404	21.9009	61.2558	-2.6033	1.86051
-4.00	1.8055	18.9675	20.7730	59.3383	-2.4164	1.80551
-3.80	1.7396	17.6823	19.4218	57.2364	-2.2325	1.73956
-3.60	1.6654	16.2377	17.9031	55.0075	-2.0514	1.66540
-3.40	1.5870	14.7106	16.2975	52.7314	-1.8724	1.58697
-3.20	1.5085	13.1824	14.6909	50.4906	-1.6944	1.50848
-3.00	1.4335	11.7232	13.1567	48.3541	-1.5166	1.43352
-2.80	1.3646	10.3825	11.7471	46.3694	-1.3379	1.36464
-2.60	1.3033	9.1881	10.4914	44.5610	-1.1579	1.30328
-2.40	1.2499	8.1409	9.3999	42.9352	-0.9761	1.24993
-2.20	1.2045	7.2647	8.4691	41.4851	-0.7922	1.20445
-2.00	1.1663	6.5212	7.6875	40.1960	-0.6062	1.16624
-1.80	1.1346	5.9041	7.0387	39.0494	-0.4181	1.13453
-1.60	1.1085	5.3967	6.5052	38.0257	-0.2282	1.10846
-1.40	1.0872	4.9824	6.0697	37.1060	-0.0366	1.08717
-1.20	1.0700	4.6462	5.7162	36.2732	0.1564	1.06989
-1.00	1.0561	4.3745	5.4306	35.5121	0.3507	1.05593

T= 5800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-0.80	1.0449	4.1558	5.2007	34.8097	0.5461	1.04469
-0.60	1.0360	3.9801	5.0162	34.1550	0.7424	1.03566
-0.40	1.0290	3.8394	4.8684	33.5388	0.9394	1.02843
-0.20	1.0235	3.7269	4.7505	32.9538	1.1371	1.02264
0.0	1.0194	3.6371	4.6565	32.3936	1.3354	1.01802
0.20	1.0166	3.5655	4.5920	31.8532	1.5342	1.01434
0.40	1.0149	3.5084	4.5234	31.3284	1.7335	1.01140
0.60	1.0147	3.4630	4.4777	30.8157	1.9333	1.00905
0.80	1.0161	3.4271	4.4432	30.3123	2.1339	1.00718
1.00	1.0198	3.3987	4.4185	29.8152	2.3355	1.00570
1.20	1.0268	3.3766	4.4033	29.3220	2.5385	1.00451
1.40	1.0388	3.3596	4.3984	28.8297	2.7436	1.00356
1.60	1.0596	3.3473	4.4059	28.3347	2.9518	1.00279
1.80	1.0906	3.3393	4.4299	27.8324	3.1647	1.00218
2.00	1.1418	3.3358	4.4776	27.3158	3.3846	1.00168
2.20	1.2232	3.3378	4.5610	26.7747	3.6145	1.00128
2.40	1.3525	3.3469	4.6994	26.1930	3.8582	1.00094

T= 5900						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	2.0364	23.5228	25.5592	77.9283	-5.3567	2.03644
-6.80	2.0288	23.2955	25.3244	76.7651	-5.1583	2.02884
-6.60	2.0227	23.1125	25.1352	75.6492	-4.9596	2.02267
-6.40	2.0176	22.9637	24.9813	74.5702	-4.7607	2.01760
-6.20	2.0133	22.8405	24.8538	73.5188	-4.5616	2.01332
-6.00	2.0095	22.7349	24.7444	72.4859	-4.3625	2.00952
-5.80	2.0059	22.6389	24.6448	71.4664	-4.1632	2.00587
-5.60	2.0020	22.5440	24.5460	70.4486	-3.9641	2.00199
-5.40	1.9974	22.4392	24.4366	69.4229	-3.7651	1.99738
-5.20	1.9913	22.3105	24.3018	68.3757	-3.5664	1.99135
-5.00	1.9829	22.1387	24.1216	67.2886	-3.3682	1.98292
-4.80	1.9707	21.8976	23.8683	66.1370	-3.1709	1.97075
-4.60	1.9531	21.5529	23.5060	64.8886	-2.9748	1.95309
-4.40	1.9278	21.0638	22.9916	63.5056	-2.7805	1.92781
-4.20	1.8927	20.3883	22.2810	61.9499	-2.5885	1.89273
-4.00	1.8462	19.4947	21.3410	60.1950	-2.3993	1.84620
-3.80	1.7879	18.3763	20.1642	58.2393	-2.2132	1.78789
-3.60	1.7192	17.0607	18.7799	56.1157	-2.0302	1.71925
-3.40	1.6434	15.6083	17.2517	53.8889	-1.8498	1.64343
-3.20	1.5646	14.0979	15.6624	51.6398	-1.6712	1.56456
-3.00	1.4867	12.6078	14.0945	49.4472	-1.4933	1.48674
-2.80	1.4133	11.2016	12.6149	47.3735	-1.3153	1.41329
-2.60	1.3464	9.9219	11.2683	45.4586	-1.1364	1.34643
-2.40	1.2873	8.7905	10.0778	43.7211	-0.9559	1.28733
-2.20	1.2363	7.8128	9.0491	42.1626	-0.7734	1.23625
-2.00	1.1929	6.9831	8.1760	40.7739	-0.5889	1.19290
-1.80	1.1566	6.2888	7.4455	39.5388	-0.4023	1.15662
-1.60	1.1266	5.7142	6.8409	38.4397	-0.2138	1.12660
-1.40	1.1020	5.2428	6.3448	37.4543	-0.0234	1.10196
-1.20	1.0820	4.8586	5.9406	36.5674	0.1687	1.08189
-1.00	1.0658	4.5472	5.6130	35.7616	0.3621	1.06562
-0.80	1.0527	4.2959	5.3486	35.0226	0.5568	1.05248
-0.60	1.0423	4.0937	5.1360	34.3381	0.7524	1.04192
-0.40	1.0340	3.9315	4.9655	33.6979	0.9490	1.03344

T= 5900						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-0.20	1.0276	3.8016	4.8292	33.0933	1.1463	1.02665
0.0	1.0226	3.5978	4.7204	32.5175	1.3442	1.02122
0.20	1.0191	3.6149	4.6341	31.9646	1.5427	1.01689
0.40	1.0170	3.5489	4.5659	31.4297	1.7418	1.01343
0.60	1.0163	3.4964	4.5126	30.9091	1.9415	1.01067
0.80	1.0173	3.4547	4.4720	30.3992	2.1419	1.00847
1.00	1.0208	3.4217	4.4425	29.8971	2.3434	1.00671
1.20	1.0276	3.3959	4.4234	29.3998	2.5463	1.00531
1.40	1.0394	3.3760	4.4154	28.9042	2.7512	1.00419
1.60	1.0590	3.3613	4.4204	28.4067	2.9594	1.00329
1.80	1.0909	3.3515	4.4423	27.9024	3.1722	1.00257
2.00	1.1418	3.3465	4.4884	27.3843	3.3920	1.00198
2.20	1.2230	3.3474	4.5704	26.8420	3.6219	1.00151
2.40	1.3520	3.3556	4.7076	26.2596	3.8654	1.00111

T= 6000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	2.0468	23.5051	25.5519	78.3065	-5.3472	2.04680
-6.80	2.0371	23.2206	25.2578	77.0817	-5.1492	2.03715
-6.60	2.0294	22.9923	25.0216	75.9170	-4.9509	2.02937
-6.40	2.0230	22.8081	24.8311	74.7998	-4.7522	2.02306
-6.20	2.0178	22.6580	24.6758	73.7193	-4.5534	2.01785
-6.00	2.0134	22.5331	24.5465	72.6661	-4.3543	2.01341
-5.80	2.0094	22.4251	24.4345	71.6319	-4.1552	2.00943
-5.60	2.0055	22.3258	24.3313	70.6081	-3.9560	2.00555
-5.40	2.0013	22.2256	24.2270	69.5853	-3.7569	2.00134
-5.20	1.9962	22.1131	24.1093	68.5522	-3.5580	1.99624
-5.00	1.9895	21.9726	23.9621	67.4939	-3.3595	1.98948
-4.80	1.9800	21.7832	23.7632	66.3904	-3.1616	1.97998
-4.60	1.9663	21.5167	23.4830	65.2151	-2.9646	1.96627
-4.40	1.9464	21.1369	23.0834	63.9341	-2.7690	1.94645
-4.20	1.9183	20.6024	22.5207	62.5092	-2.5753	1.91834
-4.00	1.8798	19.8734	21.7532	60.9053	-2.3841	1.87984
-3.80	1.8296	18.9248	20.7544	59.1021	-2.1959	1.82963
-3.60	1.7679	17.7597	19.5276	57.1082	-2.0108	1.76787
-3.40	1.6966	16.4161	18.1127	54.9666	-1.8287	1.69661
-3.20	1.6194	14.9608	16.5802	52.7476	-1.6489	1.61938
-3.00	1.5404	13.4730	15.0134	50.5322	-1.4706	1.54041
-2.80	1.4636	12.0264	13.4901	48.3941	-1.2928	1.46362
-2.60	1.3920	10.6777	12.0697	46.3880	-1.1146	1.39200
-2.40	1.3274	9.4619	10.7894	44.5464	-0.9352	1.32744
-2.20	1.2708	8.3953	9.6661	42.8818	-0.7542	1.27080
-2.00	1.2222	7.4791	8.7013	41.3919	-0.5711	1.22214
-1.80	1.1811	6.7052	7.8863	40.0650	-0.3860	1.18104
-1.60	1.1468	6.0601	7.2069	38.8840	-0.1987	1.14678
-1.40	1.1186	5.5276	6.6462	37.8302	-0.0096	1.11850
-1.20	1.0954	5.0918	6.1873	36.8847	0.1813	1.09535
-1.00	1.0767	4.7373	5.8140	36.0302	0.3738	1.07652
-0.80	1.0615	4.4503	5.5118	35.2510	0.5677	1.06128
-0.60	1.0494	4.2190	5.2683	34.5337	0.7627	1.04899
-0.40	1.0397	4.0330	5.0727	33.8668	0.9586	1.03911
-0.20	1.0321	3.8839	4.9160	33.2408	1.1555	1.03119
0.0	1.0263	3.7646	4.7909	32.6476	1.3530	1.02485
0.20	1.0220	3.6693	4.6913	32.0907	1.5512	1.01978

T= 6000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
0.40	1.0193	3.5933	4.6126	31.5347	1.7500	1.01573
0.60	1.0181	3.5327	4.5509	31.0051	1.9495	1.01250
0.80	1.0188	3.4846	4.5035	30.4881	2.1498	1.00993
1.00	1.0219	3.4466	4.4685	29.9802	2.3512	1.00787
1.20	1.0284	3.4167	4.4451	29.4784	2.5539	1.00623
1.40	1.0401	3.3936	4.4337	28.9792	2.7588	1.00491
1.60	1.0595	3.3763	4.4358	28.4788	2.9669	1.00386
1.80	1.0912	3.3643	4.4555	27.9722	3.1796	1.00301
2.00	1.1419	3.3577	4.4997	27.4523	3.3994	1.00233
2.20	1.2229	3.3572	4.5801	26.9088	3.6291	1.00177
2.40	1.3516	3.3645	4.7161	26.3255	3.8726	1.00131

T= 6100						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	2.0595	23.5587	25.6182	78.7488	-5.3373	2.05953
-6.80	2.0473	23.2049	25.2522	77.4495	-5.1399	2.04735
-6.60	2.0375	22.9213	24.9588	76.2254	-4.9420	2.03756
-6.40	2.0297	22.6934	24.7231	75.0611	-4.7436	2.02967
-6.20	2.0232	22.5093	24.5326	73.9438	-4.5450	2.02324
-6.00	2.0179	22.3587	24.3767	72.8628	-4.3462	2.01791
-5.80	2.0133	22.2327	24.2460	71.8085	-4.1471	2.01334
-5.60	2.0092	22.1226	24.1318	70.7722	-3.9480	2.00917
-5.40	2.0050	22.0196	24.0247	69.7450	-3.7489	2.00502
-5.20	2.0004	21.9137	23.9141	68.7166	-3.5499	2.00042
-5.00	1.9947	21.7919	23.7866	67.6749	-3.3512	1.99474
-4.80	1.9871	21.6373	23.6244	66.6033	-3.1528	1.98711
-4.60	1.9763	21.4268	23.4031	65.4801	-2.9552	1.97632
-4.40	1.9607	21.1300	23.0907	64.2765	-2.7586	1.96075
-4.20	1.9384	20.7089	22.6473	62.9574	-2.5636	1.93838
-4.00	1.9070	20.1222	22.0292	61.4848	-2.3707	1.90700
-3.80	1.8647	19.3339	21.1986	59.8276	-2.1805	1.86467
-3.60	1.8105	18.3271	20.1376	57.9741	-1.9933	1.81051
-3.40	1.7453	17.1160	18.8612	55.9438	-1.8092	1.74527
-3.20	1.6716	15.7486	17.4201	53.7894	-1.6279	1.67157
-3.00	1.5933	14.2967	15.8900	51.5857	-1.4488	1.59328
-2.80	1.5146	12.8383	14.3529	49.4117	-1.2708	1.51462
-2.60	1.4392	11.4412	12.8805	47.3347	-1.0929	1.43925
-2.40	1.3698	10.1542	11.5240	45.4011	-0.9144	1.36981
-2.20	1.3078	9.0053	10.3131	43.6359	-0.7345	1.30782
-2.00	1.2538	8.0049	9.2588	42.0460	-0.5528	1.25383
-1.80	1.2078	7.1508	8.3586	40.6254	-0.3691	1.20774
-1.60	1.1690	6.4328	7.6018	39.3604	-0.1832	1.16899
-1.40	1.1369	5.8363	6.9732	38.2332	0.0046	1.13680
-1.20	1.1104	5.3455	6.4559	37.2252	0.1944	1.11031
-1.00	1.0888	4.9447	6.0335	36.3181	0.3859	1.08868
-0.80	1.0713	4.6192	5.6905	35.4954	0.5789	1.07111
-0.60	1.0573	4.3561	5.4134	34.7423	0.7731	1.05691
-0.40	1.0460	4.1442	5.1903	34.0462	0.9685	1.04547
-0.20	1.0372	3.9741	5.0113	33.3964	1.1648	1.03628
0.0	1.0304	3.8378	4.8681	32.7841	1.3619	1.02892
0.20	1.0253	3.7287	4.7540	32.2018	1.5598	1.02303
0.40	1.0219	3.6417	4.6636	31.6435	1.7583	1.01833
0.60	1.0202	3.5723	4.5925	31.1040	1.9576	1.01457
0.80	1.0204	3.5172	4.5375	30.5790	2.1577	1.01157

T= 6100						
LOG RHO	Z	E/RT	H/RT	S/P	LOG P	Z*
1.00	1.0232	3.4735	4.4967	30.0648	2.3589	1.00917
1.20	1.0295	3.4390	4.4685	29.5579	2.5615	1.00726
1.40	1.0409	3.4123	4.4532	29.0547	2.7663	1.00573
1.60	1.0601	3.3921	4.4522	28.5511	2.9743	1.00450
1.80	1.0915	3.3779	4.4694	28.0420	3.1870	1.00352
2.00	1.1421	3.3694	4.5115	27.5202	3.4066	1.00272
2.20	1.2228	3.3675	4.5903	26.9751	3.6363	1.00206
2.40	1.3512	3.3736	4.7248	26.3909	3.8796	1.00153

T= 6200						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	2.0750	23.6916	25.7666	79.2658	-5.3270	2.07504
-5.80	2.0598	23.2549	25.3147	77.9772	-5.1302	2.05978
-6.60	2.0475	22.9049	24.9524	76.5815	-4.9328	2.04753
-6.40	2.0377	22.6241	24.6618	75.3601	-4.7349	2.03768
-6.20	2.0297	22.3983	24.4280	74.1978	-4.5366	2.02972
-6.00	2.0232	22.2154	24.2386	73.0918	-4.3380	2.02322
-5.80	2.0178	22.0652	24.0830	72.0011	-4.1391	2.01780
-5.60	2.0131	21.9384	23.9515	70.9462	-3.9401	2.01309
-5.40	2.0087	21.8263	23.8350	69.9080	-3.7411	2.00872
-5.20	2.0043	21.7193	23.7236	68.8770	-3.5420	2.00427
-5.00	1.9992	21.6065	23.6057	67.8423	-3.3431	1.99921
-4.80	1.9928	21.4737	23.4665	66.7903	-3.1445	1.99283
-4.60	1.9841	21.3022	23.2863	65.7029	-2.9464	1.98414
-4.40	1.9718	21.0666	23.0383	64.5562	-2.7491	1.97179
-4.20	1.9540	20.7340	22.6880	63.3195	-2.5531	1.95401
-4.00	1.9287	20.2652	22.1939	61.9563	-2.3587	1.92867
-3.80	1.8936	19.6199	21.5135	60.4305	-2.1667	1.89357
-3.60	1.8471	18.7677	20.6148	58.7166	-1.9775	1.84707
-3.40	1.7888	17.7016	19.4904	56.8128	-1.7914	1.78879
-3.20	1.7202	16.4477	18.1678	54.7505	-1.6084	1.72017
-3.00	1.6444	15.0630	16.7074	52.5910	-1.4280	1.64435
-2.80	1.5654	13.6226	15.1881	50.4115	-1.2494	1.56545
-2.60	1.4876	12.2012	13.6888	48.2871	-1.0715	1.48757
-2.40	1.4140	10.8594	12.2735	46.2775	-0.8935	1.41404
-2.20	1.3471	9.6380	10.9851	44.4206	-0.7146	1.34709
-2.00	1.2879	8.5580	9.8459	42.7341	-0.5341	1.28789
-1.80	1.2368	7.6246	8.8614	41.2197	-0.3517	1.23673
-1.60	1.1933	6.8324	8.0257	39.8682	-0.1672	1.19330
-1.40	1.1570	6.1693	7.3264	38.6642	0.0193	1.15695
-1.20	1.1270	5.6206	6.7476	37.5898	0.2079	1.12687
-1.00	1.1023	5.1703	6.2727	36.6264	0.3983	1.10218
-0.80	1.0823	4.8034	5.8857	35.7566	0.5903	1.08206
-0.60	1.0661	4.5060	5.5721	34.9647	0.7838	1.06575
-0.40	1.0532	4.2659	5.3191	34.2367	0.9785	1.05259
-0.20	1.0429	4.0728	5.1157	33.5610	1.1742	1.04200
0.0	1.0349	3.9178	4.9528	32.9277	1.3709	1.03350
0.20	1.0289	3.7937	4.8227	32.3285	1.5684	1.02669
0.40	1.0248	3.6946	4.7194	31.7565	1.7666	1.02124
0.60	1.0225	3.6155	4.6380	31.2061	1.9657	1.01689
0.80	1.0223	3.5525	4.5748	30.6724	2.1656	1.01342
1.00	1.0247	3.5026	4.5273	30.1512	2.3666	1.01064
1.20	1.0306	3.4632	4.4938	29.6387	2.5691	1.00843
1.40	1.0417	3.4324	4.4742	29.1310	2.7737	1.00665

T= 6200						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
1.60	1.0608	3.4091	4.4698	28.6239	2.9816	1.00523
1.80	1.0920	3.3922	4.4842	28.1119	3.1942	1.00408
2.00	1.1423	3.3818	4.5241	27.5879	3.4138	1.00315
2.20	1.2228	3.3782	4.6009	27.0412	3.6433	1.00239
2.40	1.3508	3.3830	4.7338	26.4557	3.8866	1.00177

T= 6300						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	2.0938	23.9129	26.0066	79.8677	-5.3161	2.09378
-6.80	2.0748	23.3783	25.4531	78.3735	-5.1201	2.07482
-6.60	2.0596	22.9493	25.0089	76.9927	-4.9233	2.05958
-6.40	2.0473	22.6053	24.6527	75.7031	-4.7259	2.04735
-6.20	2.0375	22.3292	24.3667	74.4865	-4.5280	2.03751
-6.00	2.0295	22.1067	24.1363	73.3276	-4.3297	2.02954
-5.80	2.0230	21.9261	23.9491	72.2139	-4.1311	2.02300
-5.60	2.0175	21.7769	23.7944	71.1344	-3.9322	2.01749
-5.40	2.0126	21.6497	23.6624	70.0793	-3.7333	2.01265
-5.20	2.0080	21.5354	23.5435	69.0392	-3.5343	2.00806
-5.00	2.0032	21.4238	23.4270	68.0039	-3.3353	2.00326
-4.80	1.9976	21.3028	23.3005	66.9616	-3.1365	1.99765
-4.60	1.9904	21.1568	23.1472	65.8972	-2.9381	1.99041
-4.40	1.9804	20.9649	22.9454	64.7909	-2.7403	1.98044
-4.20	1.9662	20.6993	22.6656	63.6164	-2.5434	1.96622
-4.00	1.9458	20.3249	22.2707	62.3408	-2.3480	1.94582
-3.80	1.9170	19.8016	21.7186	60.9277	-2.1544	1.91704
-3.60	1.8778	19.0917	20.9695	59.3436	-1.9634	1.87780
-3.40	1.8268	18.1724	19.9992	57.5708	-1.7754	1.82683
-3.20	1.7644	17.0481	18.8125	55.6192	-1.5905	1.76441
-3.00	1.6926	15.7569	17.4496	53.5317	-1.4085	1.69264
-2.80	1.6152	14.3636	15.9788	51.3766	-1.2288	1.61516
-2.60	1.5362	12.9438	14.4799	49.2311	-1.0506	1.53617
-2.40	1.4596	11.5670	13.0266	47.1647	-0.8728	1.45956
-2.20	1.3883	10.2861	11.6744	45.2284	-0.6946	1.38828
-2.00	1.3241	9.1336	10.4577	43.4516	-0.5151	1.32413
-1.80	1.2679	8.1238	9.3917	41.8452	-0.3340	1.26792
-1.60	1.2197	7.2574	8.4772	40.4063	-0.1508	1.21969
-1.40	1.1790	6.5262	7.7053	39.1231	0.0345	1.17898
-1.20	1.1452	5.9170	7.0622	37.9790	0.2218	1.14506
-1.00	1.1172	5.4146	6.5318	36.9558	0.4111	1.11709
-0.80	1.0944	5.0034	6.0978	36.0355	0.6021	1.09420
-0.60	1.0760	4.6691	5.7450	35.2016	0.7947	1.07558
-0.40	1.0611	4.3985	5.4596	34.4391	0.9887	1.06051
-0.20	1.0493	4.1804	5.2297	33.7352	1.1838	1.04837
0.0	1.0400	4.0051	5.0452	33.0789	1.3800	1.03860
0.20	1.0330	3.8646	4.8977	32.4611	1.5771	1.03077
0.40	1.0281	3.7522	4.7803	31.8742	1.7750	1.02451
0.60	1.0251	3.6625	4.6876	31.3117	1.9737	1.01949
0.80	1.0244	3.5909	4.6153	30.7684	2.1734	1.01549
1.00	1.0263	3.5341	4.5604	30.2395	2.3742	1.01229
1.20	1.0319	3.4892	4.5211	29.7208	2.5766	1.00973
1.40	1.0427	3.4541	4.4968	29.2083	2.7811	1.00768
1.60	1.0615	3.4272	4.4887	28.6972	2.9889	1.00604
1.80	1.0925	3.4075	4.5000	28.1821	3.2014	1.00471
2.00	1.1426	3.3948	4.5374	27.6557	3.4208	1.00364

T= 6300						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
2.20	1.2228	3.3894	4.6122	27.1071	3.6503	1.00277
2.40	1.3505	3.3928	4.7433	26.5203	3.8934	1.00205

T= 6400						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	2.1162	24.2320	26.3482	80.5658	-5.3047	2.11625
-6.80	2.0929	23.5830	25.6759	78.9478	-5.1095	2.09287
-6.60	2.0741	23.0613	25.1353	77.4668	-4.9134	2.07408
-6.40	2.0590	22.6425	24.7015	76.0965	-4.7166	2.05898
-6.20	2.0468	22.3066	24.3534	74.8153	-4.5191	2.04684
-6.00	2.0370	22.0367	24.0737	73.6051	-4.3212	2.03706
-5.80	2.0291	21.8188	23.8479	72.4510	-4.1229	2.02912
-5.60	2.0226	21.6413	23.6638	71.3406	-3.9243	2.02257
-5.40	2.0170	21.4935	23.5105	70.2628	-3.7255	2.01699
-5.20	2.0120	21.3661	23.3781	69.2077	-3.5266	2.01200
-5.00	2.0071	21.2493	23.2564	68.1654	-3.3276	2.00715
-4.80	2.0019	21.1321	23.1340	67.1250	-3.1288	2.00193
-4.60	1.9956	21.0012	22.9968	66.0736	-2.9301	1.99565
-4.40	1.9874	20.8392	22.8265	64.9943	-2.7319	1.98738
-4.20	1.9758	20.6228	22.5986	63.8652	-2.5345	1.97585
-4.00	1.9594	20.3215	22.2809	62.6576	-2.3381	1.95938
-3.80	1.9359	19.8984	21.8343	61.3372	-2.1433	1.93591
-3.60	1.9032	19.3135	21.2167	59.8680	-1.9507	1.90320
-3.40	1.8594	18.5339	20.3933	58.2215	-1.7608	1.85941
-3.20	1.8038	17.5461	19.3499	56.3898	-1.5740	1.80379
-3.00	1.7373	16.3674	18.1048	54.3954	-1.3903	1.73733
-2.80	1.6628	15.0471	16.7099	52.2919	-1.2094	1.66281
-2.60	1.5842	13.6551	15.2394	50.1522	-1.0304	1.58422
-2.40	1.5057	12.2655	13.7712	48.0512	-0.8525	1.50573
-2.20	1.4309	10.9411	12.3720	46.0507	-0.6746	1.43091
-2.00	1.3623	9.7260	11.0883	44.1928	-0.4960	1.36226
-1.80	1.3012	8.6449	9.9461	42.4986	-0.3159	1.30116
-1.60	1.2481	7.7060	8.9541	40.9730	-0.1339	1.24810
-1.40	1.2030	6.9060	8.1089	39.6090	0.0500	1.20289
-1.20	1.1650	6.2345	7.3995	38.3925	0.2361	1.16494
-1.00	1.1336	5.6774	6.8110	37.3063	0.4242	1.13345
-0.80	1.1078	5.2194	6.3272	36.3325	0.6142	1.10756
-0.60	1.0868	4.8457	5.9325	35.4536	0.8059	1.08643
-0.40	1.0699	4.5424	5.6123	34.6538	0.9991	1.06929
-0.20	1.0564	4.2973	5.3537	33.9193	1.1936	1.05543
0.0	1.0457	4.1000	5.1458	33.2381	1.3892	1.04428
0.20	1.0376	3.9417	4.9793	32.6001	1.5858	1.03532
0.40	1.0317	3.8148	4.8465	31.9969	1.7833	1.02814
0.60	1.0280	3.7134	4.7414	31.4213	1.9818	1.02239
0.80	1.0267	3.6325	4.6592	30.8674	2.1812	1.01780
1.00	1.0281	3.5682	4.5964	30.3300	2.3818	1.01412
1.20	1.0333	3.5173	4.5506	29.8046	2.5840	1.01118
1.40	1.0439	3.4773	4.5212	29.2866	2.7884	1.00883
1.60	1.0623	3.4466	4.5089	28.7712	2.9960	1.00694
1.80	1.0931	3.4238	4.5169	28.2527	3.2084	1.00542
2.00	1.1429	3.4086	4.5515	27.7235	3.4278	1.00419
2.20	1.2229	3.4012	4.6241	27.1729	3.6572	1.00318
2.40	1.3502	3.4031	4.7533	26.5845	3.9002	1.00236

T= 6500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	2.1429	24.6590	26.8019	81.3716	-5.2925	2.14295
-6.80	2.1144	23.8776	25.9920	79.6102	-5.0983	2.11439
-6.60	2.0914	23.2480	25.3394	78.0124	-4.9031	2.09138
-6.40	2.0728	22.7419	24.8147	76.5476	-4.7069	2.07286
-6.20	2.0580	22.3356	24.3935	75.1902	-4.5100	2.05799
-6.00	2.0460	22.0094	24.0554	73.9192	-4.3126	2.04602
-5.80	2.0363	21.7470	23.7834	72.7169	-4.1146	2.03636
-5.60	2.0285	21.5348	23.5632	71.5697	-3.9163	2.02848
-5.40	2.0219	21.3609	23.3828	70.4623	-3.7177	2.02193
-5.20	2.0163	21.2150	23.2312	69.3865	-3.5189	2.01629
-5.00	2.0111	21.0671	23.0983	68.3314	-3.3200	2.01113
-4.80	2.0060	20.9671	22.9730	67.2863	-3.1212	2.00597
-4.60	2.0002	20.8429	22.8432	66.2397	-2.9224	2.00023
-4.40	1.9931	20.6998	22.6930	65.1771	-2.7239	1.99312
-4.20	1.9836	20.5183	22.5018	64.0797	-2.5260	1.98358
-4.00	1.9702	20.2724	22.2425	62.9232	-2.3290	1.97016
-3.80	1.9510	19.9291	21.8801	61.6768	-2.1332	1.95102
-3.60	1.9240	19.4499	21.3739	60.3050	-1.9393	1.92396
-3.40	1.8868	18.7969	20.6837	58.7741	-1.7477	1.88684
-3.20	1.8392	17.9437	19.7818	57.0627	-1.5591	1.83816
-3.00	1.7778	15.8886	19.6064	55.1746	-1.3736	1.77784
-2.80	1.7076	15.6620	17.3697	53.1451	-1.1911	1.70763
-2.60	1.6309	14.3227	15.9537	51.0369	-1.0111	1.63091
-2.40	1.5519	12.9434	14.4952	48.9247	-0.8326	1.55185
-2.20	1.4745	11.5937	13.0682	46.8783	-0.6548	1.47448
-2.00	1.4020	10.3286	11.7306	44.9511	-0.4767	1.40194
-1.80	1.3363	9.1835	10.5198	43.1758	-0.2976	1.33627
-1.60	1.2785	8.1754	9.4539	41.5659	-0.1168	1.27845
-1.40	1.2287	7.3072	8.5359	40.1207	0.0660	1.22865
-1.20	1.1866	6.5724	7.7590	38.8300	0.2508	1.18650
-1.00	1.1515	5.9587	7.1102	37.6783	0.4379	1.15130
-0.80	1.1225	5.4517	6.5741	36.6478	0.6267	1.12221
-0.60	1.0987	5.0362	6.1349	35.7211	0.8174	1.09837
-0.40	1.0796	4.6979	5.7775	34.8814	1.0098	1.07896
-0.20	1.0642	4.4239	5.4881	34.1140	1.2035	1.06324
0.0	1.0520	4.2029	5.2549	33.4058	1.3985	1.05056
0.20	1.0426	4.0252	5.0679	32.7459	1.5946	1.04035
0.40	1.0357	3.8827	4.9185	32.1249	1.7918	1.03217
0.60	1.0312	3.7687	4.7999	31.5350	1.9899	1.02561
0.80	1.0292	3.6776	4.7069	30.9696	2.1890	1.02036
1.00	1.0302	3.6051	4.6353	30.4230	2.3894	1.01616
1.20	1.0350	3.5476	4.5826	29.8902	2.5914	1.01280
1.40	1.0451	3.5024	4.5475	29.3662	2.7957	1.01011
1.60	1.0633	3.4674	4.5307	28.8461	3.0032	1.00795
1.80	1.0938	3.4412	4.5350	28.3239	3.2154	1.00621
2.00	1.1434	3.4233	4.5666	27.7917	3.4347	1.00480
2.20	1.2230	3.4137	4.6367	27.2387	3.6639	1.00365
2.40	1.3500	3.4138	4.7638	26.6486	3.9068	1.00270

T= 6600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	2.1744	25.2029	27.3773	82.2961	-5.2795	2.17442
-6.80	2.1398	24.2704	26.4102	80.3704	-5.0865	2.13984
-6.60	2.1119	23.5166	25.6284	78.6379	-4.8922	2.11188

T= 6600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-6.40	2.0893	22.9093	24.9986	77.0634	-4.6968	2.08934
-6.20	2.0712	22.4211	24.4923	75.6174	-4.5006	2.07122
-6.00	2.0566	22.0291	24.0857	74.2750	-4.3037	2.05665
-5.80	2.0449	21.7142	23.7591	73.0158	-4.1062	2.04491
-5.60	2.0354	21.4605	23.4959	71.8227	-3.9082	2.03541
-5.40	2.0276	21.2545	23.2822	70.6812	-3.7099	2.02762
-5.20	2.0211	21.0848	23.1059	69.5793	-3.5113	2.02109
-5.00	2.0154	20.9407	22.9561	68.5058	-3.3125	2.01537
-4.80	2.0100	20.8121	22.8221	67.4503	-3.1137	2.01001
-4.60	2.0045	20.6878	22.6923	66.4017	-2.9149	2.00447
-4.40	1.9981	20.5549	22.5530	65.3471	-2.7162	1.99808
-4.20	1.9899	20.3967	22.3867	64.2705	-2.5180	1.98994
-4.00	1.9788	20.1913	22.1701	63.1511	-2.3204	1.97884
-3.80	1.9631	19.9100	21.8731	61.9619	-2.1239	1.96314
-3.60	1.9408	19.5174	21.4582	60.6701	-1.9289	1.94082
-3.40	1.9096	18.9747	20.8843	59.2404	-1.7359	1.90966
-3.20	1.8677	18.2476	20.1153	57.6432	-1.5456	1.86767
-3.00	1.8139	17.3192	19.1331	55.8666	-1.3582	1.81388
-2.80	1.7490	16.2009	17.9499	53.9275	-1.1741	1.74898
-2.60	1.6755	14.9358	16.6113	51.8736	-0.9927	1.67548
-2.40	1.5972	13.5896	15.1868	49.7737	-0.8135	1.59722
-2.20	1.5184	12.2346	13.7530	47.7014	-0.6355	1.51842
-2.00	1.4428	10.9343	12.3771	45.7194	-0.4576	1.44277
-1.80	1.3730	9.7347	11.1077	43.8717	-0.2792	1.37298
-1.60	1.3106	8.6626	9.9732	42.1820	-0.0994	1.31059
-1.40	1.2563	7.7282	8.9845	40.6569	0.0822	1.25621
-1.20	1.2098	6.9299	8.1398	39.2910	0.2659	1.20974
-1.00	1.1708	6.2583	7.4292	38.0715	0.4516	1.17065
-0.80	1.1384	5.7003	6.8387	36.9820	0.6394	1.13817
-0.60	1.1118	5.2409	6.3527	36.0046	0.8292	1.11142
-0.40	1.0902	4.8656	5.9557	35.1225	1.0206	1.08957
-0.20	1.0728	4.5607	5.6335	34.3197	1.2136	1.07182
0.0	1.0589	4.3143	5.3732	33.5826	1.4080	1.05747
0.20	1.0482	4.1158	5.1640	32.8990	1.6036	1.04591
0.40	1.0402	3.9563	4.9965	32.2588	1.8003	1.03662
0.60	1.0348	3.8286	4.8634	31.6533	1.9980	1.02917
0.80	1.0321	3.7265	4.7586	31.0754	2.1969	1.02320
1.00	1.0325	3.6451	4.6775	30.5188	2.3970	1.01842
1.20	1.0367	3.5805	4.6172	29.9779	2.5988	1.01459
1.40	1.0465	3.5295	4.5760	29.4475	2.8029	1.01153
1.60	1.0644	3.4899	4.5543	28.9222	3.0102	1.00907
1.80	1.0946	3.4600	4.5546	28.3958	3.2224	1.00708
2.00	1.1439	3.4391	4.5830	27.8603	3.4415	1.00547
2.20	1.2232	3.4271	4.6503	27.3048	3.6706	1.00416
2.40	1.3498	3.4253	4.7752	26.7128	3.9134	1.00308

T= 6700						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	2.2111	25.8728	28.0839	83.3498	-5.2657	2.21118
-6.80	2.1696	24.7695	26.9392	81.2382	-5.0739	2.16967
-6.60	2.1360	23.8744	25.0103	79.3519	-4.8807	2.13598
-6.40	2.1087	23.1511	25.2599	77.6515	-4.6863	2.10876
-6.20	2.0868	22.5686	24.6554	76.1030	-4.4908	2.08683
-6.00	2.0692	22.1003	24.1694	74.6780	-4.2945	2.06918

T= 6700

LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.80	2.0550	21.7241	23.7791	73.3523	-4.0975	2.05499
-5.60	2.0435	21.4217	23.4652	72.1063	-3.8999	2.04354
-5.40	2.0342	21.1774	23.2117	70.9232	-3.7019	2.03423
-5.20	2.0265	20.9783	23.0049	69.7891	-3.5036	2.02656
-5.00	2.0200	20.8129	22.8329	68.6919	-3.3050	2.02004
-4.80	2.0142	20.6705	22.6847	67.6206	-3.1062	2.01422
-4.60	2.0086	20.5403	22.5489	66.5641	-2.9074	2.00860
-4.40	2.0026	20.4104	22.4129	65.5106	-2.7087	2.00258
-4.20	1.9954	20.2663	22.2617	64.4459	-2.5103	1.99538
-4.00	1.9860	20.0893	22.0753	63.3521	-2.3123	1.98597
-3.80	1.9729	19.8548	21.8278	62.2058	-2.1152	1.97295
-3.60	1.9545	19.5313	21.4857	60.9777	-1.9193	1.95450
-3.40	1.9285	19.0815	21.0100	59.6335	-1.7251	1.92846
-3.20	1.8926	18.4679	20.3605	58.1396	-1.5333	1.89264
-3.00	1.8454	17.6626	19.5080	56.4731	-1.3442	1.84540
-2.80	1.7864	16.6600	18.4465	54.6339	-1.1583	1.78645
-2.60	1.7173	15.4858	17.2031	52.6525	-0.9755	1.71729
-2.40	1.6411	14.1938	15.8350	50.5871	-0.7952	1.64113
-2.20	1.5621	12.8539	14.4160	48.5096	-0.6166	1.56210
-2.00	1.4843	11.5350	13.0193	46.4893	-0.4388	1.48429
-1.80	1.4110	10.2926	11.7036	44.5804	-0.2608	1.41097
-1.60	1.3444	9.1635	10.5079	42.8172	-0.0818	1.34432
-1.40	1.2855	8.1664	9.4519	41.2148	0.0988	1.28545
-1.20	1.2347	7.3055	8.5402	39.7739	0.2813	1.23463
-1.00	1.1917	6.5754	7.7671	38.4854	0.4659	1.19152
-0.80	1.1557	5.9647	7.1205	37.3345	0.6525	1.15546
-0.60	1.1260	5.4596	6.5856	36.3042	0.8412	1.12563
-0.40	1.1018	5.0452	6.1470	35.3770	1.0318	1.10116
-0.20	1.0822	4.7076	5.7898	34.5367	1.2240	1.08122
0.0	1.0645	4.4340	5.5006	33.7685	1.4176	1.06506
0.20	1.0543	4.2132	5.2675	33.0595	1.6126	1.05201
0.40	1.0451	4.0356	5.0807	32.3986	1.8088	1.04151
0.60	1.0337	3.8931	4.9319	31.7764	2.0062	1.03308
0.80	1.0352	3.7791	4.8143	31.1849	2.2047	1.02632
1.00	1.0350	3.6881	4.7230	30.6174	2.4046	1.02091
1.20	1.0397	3.6157	4.6545	30.0677	2.6062	1.01657
1.40	1.0481	3.5586	4.6066	29.5303	2.8101	1.01309
1.60	1.0656	3.5139	4.5795	28.9993	3.0173	1.01030
1.80	1.0954	3.4801	4.5755	28.4684	3.2293	1.00805
2.00	1.1445	3.4559	4.6003	27.9294	3.4483	1.00622
2.20	1.2235	3.4413	4.6648	27.3710	3.6773	1.00473
2.40	1.3497	3.4374	4.7871	26.7769	3.9199	1.00350

T= 6800

LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	2.2537	26.6761	28.9297	84.5422	-5.2510	2.25371
-6.80	2.2043	25.3827	27.5870	82.2227	-5.0606	2.20435
-6.60	2.1641	24.3285	26.4926	80.1630	-4.8686	2.16412
-6.40	2.1315	23.4737	25.6052	78.3194	-4.6752	2.13149
-6.20	2.1051	22.7834	24.8985	76.6538	-4.4806	2.10513
-6.00	2.0839	22.2275	24.3114	75.1336	-4.2850	2.08390
-5.80	2.0668	21.7807	23.8475	73.7311	-4.0886	2.06681
-5.60	2.0530	21.4215	23.4746	72.4234	-3.8915	2.05305
-5.40	2.0419	21.1324	23.1743	71.1915	-3.6939	2.04192

T= 6800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.20	2.0328	20.8982	22.9311	70.0192	-3.4958	2.03284
-5.00	2.0253	20.7063	22.7316	68.8929	-3.2974	2.02529
-4.80	2.0188	20.5451	22.5638	67.8005	-3.0988	2.01878
-4.60	2.0128	20.4037	22.4165	66.7308	-2.9001	2.01282
-4.40	2.0068	20.2708	22.2776	65.6724	-2.7014	2.00685
-4.20	2.0002	20.1333	22.1335	64.6122	-2.5028	2.00021
-4.00	1.9920	19.9750	21.9670	63.5346	-2.3046	1.99199
-3.80	1.9810	19.7747	21.7556	62.4193	-2.1070	1.98100
-3.60	1.9656	19.5048	21.4704	61.2405	-1.9104	1.96564
-3.40	1.9439	19.1313	21.0751	59.9664	-1.7152	1.94390
-3.20	1.9135	18.6162	20.5297	58.5628	-1.5220	1.91355
-3.00	1.8726	17.9253	19.7978	56.9996	-1.3314	1.87257
-2.80	1.8198	17.0396	18.8595	55.2633	-1.1439	1.81983
-2.60	1.7558	15.9674	17.7232	53.3573	-0.9594	1.75585
-2.40	1.6830	14.7475	16.4305	51.3554	-0.7778	1.68297
-2.20	1.6049	13.4425	15.0475	49.2932	-0.5984	1.60494
-2.00	1.5260	12.1226	13.6486	47.2524	-0.4203	1.52598
-1.80	1.4499	10.8508	12.3007	45.2955	-0.2425	1.44987
-1.60	1.3795	9.6736	11.0531	43.4671	-0.0642	1.37941
-1.40	1.3163	8.6186	9.9350	41.7917	0.1155	1.31626
-1.20	1.2612	7.6973	8.9585	40.2771	0.2969	1.26109
-1.00	1.2140	6.9088	8.1228	38.9190	0.4803	1.21388
-0.80	1.1744	6.2446	7.4190	37.7051	0.6659	1.17411
-0.60	1.1414	5.6921	6.8335	36.6196	0.8535	1.14102
-0.40	1.1144	5.2369	6.3513	35.6452	1.0431	1.11376
-0.20	1.0924	4.8648	5.9572	34.7652	1.2345	1.09147
0.0	1.0748	4.5624	5.6372	33.9639	1.4274	1.07335
0.20	1.0610	4.3178	5.3788	33.2276	1.6218	1.05869
0.40	1.0505	4.1207	5.1712	32.5445	1.8175	1.04688
0.60	1.0431	3.9624	5.0054	31.9042	2.0144	1.03738
0.80	1.0387	3.8355	4.8742	31.2981	2.2126	1.02976
1.00	1.0377	3.7342	4.7719	30.7188	2.4122	1.02364
1.20	1.0409	3.6535	4.6944	30.1597	2.6135	1.01874
1.40	1.0498	3.5896	4.6394	29.6146	2.8172	1.01481
1.60	1.0669	3.5395	4.6064	29.0776	3.0242	1.01166
1.80	1.0964	3.5013	4.5977	28.5418	3.2361	1.00911
2.00	1.1451	3.4736	4.6187	27.9989	3.4550	1.00704
2.20	1.2238	3.4562	4.6800	27.4374	3.6838	1.00536
2.40	1.3497	3.4500	4.7997	26.8410	3.9263	1.00397

T= 6900						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	2.3024	27.6189	29.9213	85.8812	-5.2354	2.30248
-6.80	2.2443	26.1169	28.3612	83.3327	-5.0465	2.24435
-6.60	2.1966	24.8859	27.0825	81.0795	-4.8558	2.19670
-6.40	2.1579	23.8835	26.0413	79.0747	-4.6635	2.15790
-6.20	2.1264	23.0713	25.1977	77.2763	-4.4699	2.12645
-6.00	2.1010	22.4157	24.5167	75.6475	-4.2751	2.10106
-5.80	2.0806	21.8879	23.9685	74.1571	-4.0794	2.08061
-5.60	2.0641	21.4636	23.5277	72.7785	-3.8828	2.06414
-5.40	2.0508	21.1223	23.1731	71.4898	-3.6856	2.05086
-5.20	2.0401	20.8470	22.8870	70.2726	-3.4879	2.04010
-5.00	2.0312	20.6232	22.6544	69.1114	-3.2898	2.03126
-4.80	2.0238	20.4383	22.4621	67.9929	-3.0914	2.02382

T= 6900						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-4.60	2.0173	20.2809	22.2982	66.9051	-2.8928	2.01728
-4.40	2.0111	20.1398	22.1509	65.8363	-2.6941	2.01112
-4.20	2.0047	20.0026	22.0073	64.7744	-2.4955	2.00470
-4.00	1.9972	19.8549	21.8521	63.7052	-2.2971	1.99726
-3.80	1.9877	19.6784	21.6661	62.6110	-2.0992	1.98775
-3.60	1.9748	19.4491	21.4239	61.4691	-1.9020	1.97480
-3.40	1.9566	19.1365	21.0931	60.2511	-1.7060	1.95659
-3.20	1.9310	18.7046	20.6356	58.9237	-1.5118	1.93097
-3.00	1.8957	18.1163	20.0120	57.4539	-1.3198	1.89572
-2.80	1.8492	17.3433	19.1925	55.8181	-1.1306	1.84916
-2.60	1.7909	16.3785	18.1694	54.0147	-0.9445	1.79086
-2.40	1.7222	15.2445	16.9667	52.0715	-0.7615	1.72222
-2.20	1.6464	13.9923	15.6387	50.0435	-0.5810	1.64634
-2.00	1.5674	12.6893	14.2567	48.0004	-0.4024	1.56733
-1.80	1.4893	11.4028	12.8922	46.0102	-0.2246	1.48930
-1.60	1.4156	10.1880	11.6036	44.1267	-0.0466	1.41558
-1.40	1.3485	9.0817	10.4302	42.3842	0.1323	1.34844
-1.20	1.2892	8.1032	9.3923	40.7987	0.3128	1.28904
-1.00	1.2379	7.2573	8.4952	39.3712	0.4951	1.23769
-0.80	1.1944	6.5392	7.7335	38.0933	0.6796	1.19409
-0.60	1.1580	5.9381	7.0961	36.9509	0.8662	1.15760
-0.40	1.1280	5.4405	6.5685	35.9272	1.0548	1.12738
-0.20	1.1035	5.0322	6.1358	35.0052	1.2452	1.10258
0.0	1.0839	4.6994	5.7833	34.1689	1.4374	1.08237
0.20	1.0683	4.4296	5.4979	33.4036	1.6311	1.06598
0.40	1.0564	4.2117	5.2681	32.6967	1.8263	1.05274
0.60	1.0478	4.0365	5.0843	32.0371	2.0227	1.04208
0.80	1.0425	3.8959	4.9383	31.4153	2.2205	1.03351
1.00	1.0407	3.7834	4.8241	30.8233	2.4198	1.02664
1.20	1.0433	3.6937	4.7370	30.2540	2.6209	1.02113
1.40	1.0517	3.6226	4.6743	29.7007	2.8243	1.01670
1.60	1.0684	3.5667	4.6351	29.1571	3.0312	1.01314
1.80	1.0975	3.5238	4.6213	28.6160	3.2429	1.01027
2.00	1.1459	3.4923	4.6382	28.0688	3.4616	1.00795
2.20	1.2242	3.4718	4.6960	27.5040	3.6903	1.00604
2.40	1.3497	3.4631	4.8128	26.9049	3.9327	1.00448

T= 7000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	2.3578	28.7047	31.0625	87.3721	-5.2188	2.35784
-6.80	2.2900	26.9774	29.2674	84.5750	-5.0315	2.29005
-6.60	2.2341	25.5524	27.7865	82.1088	-4.8422	2.23413
-6.40	2.1883	24.3862	26.5745	79.9246	-4.6512	2.18836
-6.20	2.1511	23.4375	25.5886	77.9771	-4.4586	2.15113
-6.00	2.1209	22.6695	24.7905	76.2256	-4.2648	2.12097
-5.80	2.0966	22.0499	24.1465	74.6351	-4.0698	2.09664
-5.60	2.0770	21.5512	23.6282	73.1755	-3.8739	2.07703
-5.40	2.0612	21.1501	23.2113	71.8217	-3.6772	2.06123
-5.20	2.0484	20.8271	22.8755	70.5525	-3.4799	2.04847
-5.00	2.0381	20.5659	22.6040	69.3405	-3.2821	2.03808
-4.80	2.0295	20.3525	22.3819	68.2005	-3.0939	2.02948
-4.60	2.0221	20.1744	22.1965	67.0896	-2.8955	2.02214
-4.40	2.0155	20.0201	22.0356	66.0056	-2.6869	2.01553
-4.20	2.0090	19.8778	21.8868	64.9366	-2.4883	2.00907

T= 7000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-4.00	2.0020	19.7341	21.7361	63.8692	-2.2898	2.00205
-3.80	1.9936	19.5728	21.5664	62.7979	-2.0917	1.99358
-3.60	1.9824	19.3732	21.3556	61.6726	-1.8941	1.99246
-3.40	1.9671	19.1082	21.0753	60.4980	-1.6975	1.96707
-3.20	1.9454	18.7447	20.6902	59.2334	-1.5023	1.94543
-3.00	1.9153	18.2457	20.1609	57.8450	-1.3091	1.91529
-2.80	1.8746	17.5771	19.4517	56.3033	-1.1184	1.87459
-2.60	1.8222	16.7199	18.5421	54.5945	-0.9307	1.82218
-2.40	1.7585	15.6808	17.4393	52.7304	-0.7462	1.75849
-2.20	1.6858	14.4966	16.1824	50.7529	-0.5645	1.68580
-2.00	1.6078	13.2275	14.8354	48.7253	-0.3851	1.60783
-1.80	1.5288	11.9419	13.4707	46.7175	-0.2069	1.52880
-1.60	1.4526	10.7014	12.1539	44.7906	-0.0292	1.45251
-1.40	1.3819	9.5517	10.9336	42.9886	0.1492	1.38180
-1.20	1.3185	9.5205	9.8390	41.3359	0.3288	1.31835
-1.00	1.2631	7.6193	8.8824	39.8405	0.5101	1.26290
-0.80	1.2157	6.8475	8.0632	38.4983	0.6935	1.21540
-0.60	1.1758	6.1971	7.3729	37.2975	0.8790	1.17537
-0.40	1.1427	5.6559	6.7985	36.2227	1.0666	1.14206
-0.20	1.1156	5.2098	6.3254	35.2569	1.2562	1.11460
0.0	1.0936	4.8451	5.9387	34.3836	1.4476	1.09215
0.20	1.0762	4.5485	5.6248	33.5377	1.6406	1.07389
0.40	1.0628	4.3038	5.3715	32.8554	1.8351	1.05911
0.60	1.0529	4.1155	5.1684	32.1751	2.0311	1.04720
0.80	1.0466	3.9602	5.0068	31.5366	2.2285	1.03761
1.00	1.0440	3.8358	4.8798	30.9309	2.4274	1.02991
1.20	1.0459	3.7365	4.7824	30.3506	2.6282	1.02373
1.40	1.0538	3.6576	4.7113	29.7985	2.8314	1.01876
1.60	1.0700	3.5955	4.6655	29.2377	3.0381	1.01477
1.80	1.0988	3.5475	4.6462	28.6910	3.2496	1.01155
2.00	1.1468	3.5119	4.6586	28.1392	3.4682	1.00893
2.20	1.2247	3.4881	4.7128	27.5708	3.6967	1.00680
2.40	1.3498	3.4767	4.8265	26.9689	3.9390	1.00504

T= 7100						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	2.4199	29.9331	32.3530	89.0161	-5.2013	2.42001
-6.80	2.3417	27.9669	30.3087	85.9541	-5.0156	2.34180
-6.60	2.2767	26.3326	28.6093	83.2567	-4.8278	2.27677
-6.40	2.2232	24.9868	27.2100	80.8753	-4.6382	2.22323
-6.20	2.1794	23.8871	26.0665	78.7621	-4.4468	2.17949
-6.00	2.1439	22.9935	25.1374	76.8734	-4.2539	2.14392
-5.80	2.1151	22.2707	24.3858	75.1701	-4.0598	2.11514
-5.60	2.0919	21.6878	23.7796	73.6187	-3.8646	2.09193
-5.40	2.0732	21.2186	23.2918	72.1907	-3.6685	2.07322
-5.20	2.0591	20.8410	22.8991	70.8620	-3.4717	2.05813
-5.00	2.0459	20.5366	22.5825	69.6126	-3.2743	2.04590
-4.80	2.0359	20.2895	22.3253	68.4257	-3.0764	2.03590
-4.60	2.0275	20.0861	22.1136	67.2868	-2.8782	2.02752
-4.40	2.0202	19.9142	21.9344	66.1829	-2.6797	2.02024
-4.20	2.0135	19.7618	21.7753	65.1018	-2.4812	2.01348
-4.00	2.0066	19.6165	21.6230	64.0307	-2.2827	2.00660
-3.80	1.9998	19.4634	21.4622	62.9553	-2.0844	1.99879
-3.60	1.9890	19.2843	21.2732	61.8579	-1.8865	1.98900

T= 7100						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-3.40	1.9758	19.0555	21.0313	60.7160	-1.6894	1.97583
-3.20	1.9575	18.7471	20.7045	59.5017	-1.4934	1.95747
-3.00	1.9317	18.3236	20.2554	58.1824	-1.2992	1.93175
-2.80	1.8964	17.7489	19.6453	56.7258	-1.1072	1.89644
-2.60	1.8498	15.9951	18.8450	55.1090	-0.9180	1.84985
-2.40	1.7915	16.0551	17.8466	53.3300	-0.7319	1.79154
-2.20	1.7229	14.9505	16.6734	51.4158	-0.5489	1.72289
-2.00	1.6470	13.7308	15.3779	49.4200	-0.3684	1.64699
-1.80	1.5680	12.4615	14.0295	47.4104	-0.1898	1.56794
-1.60	1.4899	11.2082	12.6981	45.4531	-0.0120	1.48985
-1.40	1.4162	10.0245	11.4407	43.6005	0.1660	1.41608
-1.20	1.3490	8.9465	10.2955	41.8860	0.3449	1.34887
-1.00	1.2896	7.9928	9.2824	40.3251	0.5253	1.28941
-0.80	1.2383	7.1684	8.4067	38.9189	0.7077	1.23800
-0.60	1.1948	6.4684	7.6632	37.6590	0.8921	1.19434
-0.40	1.1584	5.8825	7.0409	36.5315	1.0787	1.15779
-0.20	1.1295	5.3975	6.5260	35.5201	1.2674	1.12754
0.0	1.1042	4.9994	6.1036	34.6081	1.4579	1.10270
0.20	1.0848	4.6749	5.7597	33.7797	1.6502	1.08245
0.40	1.0697	4.4118	5.4815	33.0207	1.8441	1.06603
0.60	1.0585	4.1993	5.2578	32.3194	2.0395	1.05276
0.80	1.0511	4.0284	5.0795	31.6619	2.2365	1.04207
1.00	1.0476	3.8913	4.9389	31.0417	2.4350	1.03347
1.20	1.0438	3.7817	4.8305	30.4496	2.6355	1.02656
1.40	1.0560	3.6945	4.7506	29.8780	2.8385	1.02101
1.60	1.0718	3.6257	4.6975	29.3196	3.0450	1.01654
1.80	1.1001	3.5723	4.6724	28.7667	3.2563	1.01294
2.00	1.1477	3.5323	4.6800	28.2100	3.4747	1.01001
2.20	1.2253	3.5049	4.7302	27.6376	3.7031	1.00762
2.40	1.3500	3.4907	4.8407	27.0327	3.9452	1.00565

T= 7200						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	2.4890	31.3010	33.7900	90.8121	-5.1830	2.48911
-6.80	2.3997	29.0871	31.4869	87.4731	-4.9989	2.39984
-6.60	2.3249	27.2301	29.5550	84.5287	-4.8127	2.32496
-6.40	2.2628	25.6903	27.9531	81.9330	-4.6244	2.26287
-6.20	2.2118	24.4250	26.6367	79.6378	-4.4343	2.21184
-6.00	2.1701	23.3925	25.5626	77.5966	-4.2426	2.17020
-5.80	2.1363	22.5545	24.6908	75.7673	-4.0494	2.13639
-5.60	2.1090	21.8771	23.9861	74.1127	-3.8550	2.10906
-5.40	2.0870	21.3311	23.4181	72.6007	-3.6595	2.08701
-5.20	2.0692	20.8916	22.9608	71.2043	-3.4633	2.06923
-5.00	2.0548	20.5376	22.5925	69.9009	-3.2663	2.05487
-4.80	2.0431	20.2515	22.2946	68.6712	-3.0688	2.04319
-4.60	2.0335	20.0180	22.0516	67.4992	-2.8708	2.03355
-4.40	2.0253	19.8241	21.8495	66.3707	-2.6726	2.02538
-4.20	2.0181	19.6573	21.6754	65.2729	-2.4741	2.01809
-4.00	2.0110	19.5053	21.5164	64.1931	-2.2756	2.01107
-3.80	2.0036	19.3544	21.3580	63.1178	-2.0773	2.00360
-3.60	1.9947	19.1882	21.1829	62.0309	-1.8792	1.99474
-3.40	1.9832	18.9859	20.9691	60.9124	-1.6817	1.98326
-3.20	1.9675	18.7207	20.6882	59.7373	-1.4851	1.96755
-3.00	1.9456	18.3599	20.3055	58.4753	-1.2900	1.94557

T= 7200						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-2.80	1.9151	17.8671	19.7822	57.0932	-1.0969	1.91508
-2.60	1.8740	17.2095	19.0835	55.5626	-0.9063	1.87403
-2.40	1.8213	16.3684	18.1897	53.8702	-0.7187	1.82127
-2.20	1.7573	15.3511	17.1083	52.0284	-0.5342	1.75728
-2.00	1.6844	14.1939	15.8783	50.0785	-0.3526	1.68437
-1.80	1.6063	12.9558	14.5621	48.0826	-0.1732	1.60628
-1.60	1.5273	11.7031	13.2304	46.1084	0.0048	1.52723
-1.40	1.4511	10.4958	11.9469	44.2155	0.1826	1.45101
-1.20	1.3805	9.3779	10.7584	42.4458	0.3610	1.38041
-1.00	1.3173	8.3759	9.6932	40.8229	0.5406	1.31711
-0.80	1.2621	7.5006	8.7627	39.3540	0.7220	1.26182
-0.60	1.2149	6.7513	7.9662	38.0347	0.9055	1.21448
-0.40	1.1752	6.1201	7.2954	36.8534	1.0911	1.17459
-0.20	1.1424	5.5950	6.7374	35.7949	1.2787	1.14140
0.0	1.1156	5.1623	6.2779	34.8425	1.4684	1.11405
0.20	1.0941	4.8085	5.9025	33.9801	1.6600	1.09168
0.40	1.0772	4.5209	5.5981	33.1927	1.8532	1.07349
0.60	1.0645	4.2883	5.3528	32.4671	2.0481	1.05877
0.80	1.0559	4.1008	5.1567	31.7915	2.2446	1.04689
1.00	1.0515	3.9502	5.0017	31.1558	2.4427	1.03733
1.20	1.0519	3.8296	4.8815	30.5512	2.6429	1.02964
1.40	1.0585	3.7336	4.7921	29.9694	2.8456	1.02345
1.60	1.0737	3.6576	4.7313	29.4029	3.0518	1.01847
1.80	1.1016	3.5983	4.6999	28.8433	3.2630	1.01445
2.00	1.1488	3.5536	4.7024	28.2814	3.4812	1.01118
2.20	1.2260	3.5224	4.7484	27.7047	3.7094	1.00851
2.40	1.3502	3.5051	4.8553	27.0965	3.9513	1.00632

T= 7300						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	2.5648	32.7992	35.3640	92.7522	-5.1640	2.56497
-6.80	2.4641	30.3348	32.7989	89.1304	-4.9814	2.46427
-6.60	2.3788	28.2458	30.6246	85.9269	-4.7967	2.37890
-6.40	2.3074	26.4993	28.8067	83.1018	-4.6099	2.30754
-6.20	2.2434	25.0548	27.3033	80.6088	-4.4212	2.24851
-6.00	2.2000	23.8702	26.0702	78.4003	-4.2306	2.20010
-5.80	2.1606	22.9051	25.0656	76.4313	-4.0385	2.16064
-5.60	2.1286	22.1226	24.2512	74.6615	-3.8450	2.12865
-5.40	2.1027	21.4906	23.5933	73.0554	-3.6503	2.10280
-5.20	2.0819	20.9813	23.0632	71.5827	-3.4546	2.08195
-5.00	2.0651	20.5712	22.6362	70.2179	-3.2581	2.06512
-4.80	2.0514	20.2404	22.2918	68.9393	-3.0610	2.05148
-4.60	2.0403	19.9720	22.0123	67.7289	-2.8634	2.04034
-4.40	2.0310	19.7517	21.7827	66.5712	-2.6654	2.03105
-4.20	2.0230	19.5662	21.5892	65.4522	-2.4671	2.02302
-4.00	2.0156	19.4030	21.4187	64.3592	-2.2687	2.01564
-3.80	2.0082	19.2492	21.2574	63.2788	-2.0703	2.00823
-3.60	1.9999	19.0895	21.0894	62.1961	-1.8721	1.99995
-3.40	1.9897	18.9054	20.8951	61.0933	-1.6743	1.98971
-3.20	1.9761	18.6733	20.6494	59.9479	-1.4773	1.97609
-3.00	1.9572	18.3633	20.3205	58.7320	-1.2814	1.95722
-2.80	1.9309	17.9405	19.8715	57.4130	-1.0873	1.93093
-2.60	1.8950	17.3696	19.2645	55.9613	-0.8955	1.89499
-2.40	1.8477	16.6239	18.4716	54.3533	-0.7064	1.84773

T= 7300						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-2.20	1.7888	15.6975	17.4863	52.5892	-0.5205	1.78879
-2.00	1.7196	14.6130	16.3326	50.6964	-0.3376	1.71963
-1.80	1.6435	13.4194	15.0629	48.7284	-0.1573	1.64343
-1.60	1.5643	12.1810	13.7453	46.7513	0.0212	1.56429
-1.40	1.4864	10.9612	12.4476	44.8291	0.1990	1.48630
-1.20	1.4129	9.8115	11.2244	43.0121	0.3770	1.41277
-1.00	1.3461	8.7661	10.1122	41.3317	0.5560	1.34589
-0.80	1.2871	7.8426	9.1297	39.8021	0.7365	1.28679
-0.60	1.2362	7.0450	8.2812	38.4238	0.9190	1.23575
-0.40	1.1931	6.3683	7.5614	37.1881	1.1036	1.19244
-0.20	1.1572	5.8022	6.9594	36.0811	1.2903	1.15620
0.0	1.1278	5.3338	6.4616	35.0868	1.4791	1.12621
0.20	1.1040	4.9495	6.0535	34.1888	1.6699	1.10160
0.40	1.0852	4.6363	5.7215	33.3717	1.8624	1.08153
0.60	1.0711	4.3824	5.4534	32.6214	2.0567	1.06526
0.80	1.0612	4.1774	5.2385	31.9256	2.2527	1.05211
1.00	1.0557	4.0125	5.0682	31.2735	2.4505	1.04150
1.20	1.0553	3.8803	4.9356	30.6554	2.6503	1.03297
1.40	1.0612	3.7748	4.8359	30.0629	2.8527	1.02610
1.60	1.0758	3.6911	4.7669	29.4876	3.0587	1.02056
1.80	1.1032	3.6257	4.7289	28.9210	3.2696	1.01609
2.00	1.1500	3.5759	4.7260	28.3533	3.4876	1.01245
2.20	1.2268	3.5407	4.7675	27.7722	3.7157	1.00948
2.40	1.3506	3.5200	4.8706	27.1603	3.9574	1.00704

T= 7400						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	2.6470	34.4132	37.0602	94.8233	-5.1444	2.64721
-6.80	2.5349	31.7033	34.2381	90.9208	-4.9632	2.53501
-6.60	2.4386	29.3779	31.8165	87.4508	-4.7800	2.43874
-6.40	2.3573	27.4151	29.7724	84.3842	-4.5947	2.35747
-6.20	2.2896	25.7795	28.0691	81.6791	-4.4074	2.28975
-6.00	2.2338	24.4302	26.6640	79.2888	-4.2181	2.23388
-5.80	2.1881	23.3259	25.5140	77.1666	-4.0271	2.18815
-5.60	2.1509	22.4275	24.5784	75.2694	-3.8346	2.15094
-5.40	2.1207	21.7000	23.8207	73.5585	-3.6407	2.12080
-5.20	2.0964	21.1127	23.2091	72.0004	-3.4457	2.09645
-5.00	2.0767	20.6395	22.7162	70.5664	-3.2498	2.07680
-4.80	2.0609	20.2581	22.3190	69.2325	-3.0531	2.06092
-4.60	2.0480	19.9498	21.9978	67.9782	-2.8558	2.04801
-4.40	2.0373	19.6985	21.7359	66.7864	-2.6581	2.03737
-4.20	2.0283	19.4902	21.5185	65.6419	-2.4600	2.02838
-4.00	2.0204	19.3118	21.3322	64.5313	-2.2617	2.02042
-3.80	2.0128	19.1503	21.1631	63.4412	-2.0634	2.01282
-3.60	2.0048	18.9917	20.9965	62.3574	-1.8651	2.00482
-3.40	1.9954	18.8191	20.8145	61.2636	-1.6671	1.99545
-3.20	1.9834	18.6113	20.5947	60.1396	-1.4698	1.98343
-3.00	1.9671	18.3416	20.3087	58.9600	-1.2733	1.96710
-2.80	1.9444	17.9773	19.9216	57.6948	-1.0784	1.94439
-2.60	1.9130	17.4826	19.3956	56.3115	-0.8854	1.91305
-2.40	1.8710	16.8259	18.6970	54.7831	-0.6951	1.87104
-2.20	1.8173	15.9907	17.8080	53.0981	-0.5077	1.81733
-2.00	1.7525	14.9856	16.7381	51.2707	-0.3235	1.75250
-1.80	1.6790	13.8483	15.5273	49.3429	-0.1421	1.67901

T= 7400						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-1.60	1.6007	12.6369	14.2376	47.3763	0.0371	1.60066
-1.40	1.5217	11.4163	12.9381	45.4368	0.2152	1.52165
-1.20	1.4458	10.2438	11.6897	43.5811	0.3929	1.44572
-1.00	1.3758	9.1611	10.5369	41.8490	0.5714	1.37559
-0.80	1.3131	8.1928	9.5059	40.2617	0.7511	1.31284
-0.60	1.2585	7.3483	8.6068	38.8254	0.9327	1.25811
-0.40	1.2120	6.6264	7.8384	37.5350	1.1163	1.21132
-0.20	1.1730	6.0189	7.1918	36.3786	1.3021	1.17194
0.0	1.1408	5.5138	6.6545	35.3410	1.4900	1.13919
0.20	1.1146	5.0978	6.2125	34.4059	1.6800	1.11222
0.40	1.0939	4.7579	5.8518	33.5577	1.8718	1.09017
0.60	1.0781	4.4817	5.5597	32.7815	2.0655	1.07224
0.80	1.0668	4.2582	5.3251	32.0644	2.2609	1.05773
1.00	1.0602	4.0782	5.1385	31.3948	2.4582	1.04601
1.20	1.0589	3.9337	4.9926	30.7625	2.6577	1.03656
1.40	1.0641	3.8182	4.8823	30.1585	2.8598	1.02895
1.60	1.0781	3.7264	4.8045	29.5738	3.0655	1.02282
1.80	1.1050	3.6544	4.7594	28.9997	3.2762	1.01786
2.00	1.1513	3.5993	4.7506	28.4260	3.4940	1.01383
2.20	1.2277	3.5596	4.7873	27.8400	3.7219	1.01053
2.40	1.3510	3.5354	4.8864	27.2242	3.9635	1.00782

T= 7500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	2.7350	35.1228	38.8578	97.0062	-5.1244	2.73517
-6.80	2.6116	33.1816	35.7932	92.8345	-4.9444	2.61181
-6.60	2.5043	30.6218	33.1261	89.0972	-4.7627	2.50445
-6.40	2.4127	28.4369	30.8496	85.7808	-4.5788	2.41281
-6.20	2.3356	26.6005	28.9361	82.8515	-4.3929	2.33579
-6.00	2.2717	25.0752	27.3469	80.2658	-4.2050	2.27181
-5.80	2.2190	23.8201	26.0392	77.9771	-4.0152	2.21916
-5.60	2.1760	22.7949	24.9709	75.9402	-3.8237	2.17615
-5.40	2.1411	21.9621	24.1032	74.1136	-3.6307	2.14120
-5.20	2.1128	21.2883	23.4011	72.4606	-3.4365	2.11291
-5.00	2.0900	20.7447	22.8347	70.9494	-3.2412	2.09007
-4.80	2.0715	20.3066	22.3781	69.5532	-3.0450	2.07162
-4.60	2.0566	19.9530	22.0096	68.2492	-2.8482	2.05667
-4.40	2.0444	19.6663	21.7107	67.0183	-2.6508	2.04446
-4.20	2.0342	19.4310	21.4652	65.8439	-2.4529	2.03429
-4.00	2.0255	19.2333	21.2588	64.7115	-2.2548	2.02553
-3.80	2.0175	19.0601	21.0776	63.6074	-2.0565	2.01752
-3.60	2.0095	18.8978	20.9073	62.5178	-1.8582	2.00954
-3.40	2.0007	18.7307	20.7314	61.4273	-1.6602	2.00071
-3.20	1.9898	18.5399	20.5297	60.3175	-1.4625	1.98988
-3.00	1.9755	18.3012	20.2767	59.1656	-1.2656	1.97556
-2.80	1.9558	17.9847	19.9406	57.9436	-1.0700	1.95586
-2.60	1.9285	17.5558	19.4843	56.6199	-0.8761	1.92856
-2.40	1.8914	16.9801	18.8715	55.1642	-0.6845	1.89144
-2.20	1.8429	16.2330	18.0759	53.5568	-0.4958	1.84292
-2.00	1.7828	15.3110	17.0938	51.7996	-0.3102	1.78280
-1.80	1.7127	14.2389	15.9516	49.9222	-0.1276	1.71272
-1.60	1.6360	13.0665	14.7025	47.9786	0.0524	1.63599
-1.40	1.5568	11.8569	13.4137	46.0337	0.2309	1.55674
-1.20	1.4791	10.6712	12.1503	44.1491	0.4087	1.47902

T= 7500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-1.00	1.4062	9.5580	10.9642	42.3718	0.5867	1.40602
-0.80	1.3401	8.5491	9.8892	40.7308	0.7658	1.33984
-0.60	1.2819	7.6600	8.9419	39.2382	0.9465	1.28151
-0.40	1.2319	6.8936	8.1255	37.8933	1.1292	1.23122
-0.20	1.1896	6.2444	7.4341	36.6869	1.3141	1.18861
0.0	1.1546	5.7020	6.8566	35.6049	1.5011	1.15300
0.20	1.1260	5.2535	6.3795	34.6315	1.6902	1.12356
0.40	1.1032	4.8858	5.9890	33.7508	1.8813	1.09941
0.60	1.0856	4.5862	5.6718	32.9474	2.0743	1.07973
0.80	1.0729	4.3435	5.4164	32.2078	2.2692	1.06376
1.00	1.0651	4.1476	5.2127	31.5198	2.4661	1.05085
1.20	1.0628	3.9901	5.0529	30.8726	2.6651	1.04043
1.40	1.0672	3.8639	4.9311	30.2563	2.8669	1.03203
1.60	1.0806	3.7635	4.8441	29.6617	3.0723	1.02525
1.80	1.1069	3.6845	4.7914	29.0796	3.2828	1.01977
2.00	1.1528	3.6237	4.7765	28.4994	3.5004	1.01531
2.20	1.2237	3.5794	4.8081	27.9082	3.7281	1.01167
2.40	1.3515	3.5514	4.9029	27.2883	3.9695	1.00867

T= 7600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	2.8277	37.9035	40.7312	99.2771	-5.1041	2.82796
-6.80	2.6940	34.7552	37.4492	94.8579	-4.9252	2.69422
-6.60	2.5757	31.9702	34.5459	90.8601	-4.7447	2.57591
-6.40	2.4734	29.5626	32.0360	87.2905	-4.5623	2.47363
-6.20	2.3866	27.5185	29.9051	84.1278	-4.3778	2.38680
-6.00	2.3139	25.8073	28.1213	81.3349	-4.1912	2.31410
-5.80	2.2538	24.3907	26.6445	78.8669	-4.0027	2.25392
-5.60	2.2044	23.2280	25.4324	76.6780	-3.8123	2.20451
-5.40	2.1641	22.2800	24.4441	74.7245	-3.6203	2.16423
-5.20	2.1314	21.5109	23.6423	72.9666	-3.4269	2.13153
-5.00	2.1050	20.8893	22.9943	71.3697	-3.2323	2.10509
-4.80	2.0836	20.3879	22.4716	69.9040	-3.0368	2.08373
-4.60	2.0664	19.9836	22.0499	68.5442	-2.8404	2.06646
-4.40	2.0523	19.6565	21.7089	67.2689	-2.6433	2.05241
-4.20	2.0408	19.3900	21.4308	66.0600	-2.4458	2.04084
-4.00	2.0310	19.1691	21.2002	64.9016	-2.2479	2.03108
-3.80	2.0224	18.9803	21.0027	63.7795	-2.0497	2.02244
-3.60	2.0142	18.8100	20.8242	62.6797	-1.8515	2.01425
-3.40	2.0056	18.6434	20.6490	61.5875	-1.6533	2.00566
-3.20	1.9956	18.4632	20.4588	60.4859	-1.4555	1.99567
-3.00	1.9829	18.2476	20.2305	59.3541	-1.2583	1.98292
-2.80	1.9657	17.9695	19.9351	58.1665	-1.0621	1.96570
-2.60	1.9419	17.5960	19.5379	56.8931	-0.8674	1.94188
-2.40	1.9092	17.0922	19.0014	55.5021	-0.6747	1.90919
-2.20	1.8657	16.4281	18.2937	53.9683	-0.4847	1.86567
-2.00	1.8105	15.5898	17.4003	52.2832	-0.2978	1.81044
-1.80	1.7444	14.5893	16.3337	50.4638	-0.1139	1.74433
-1.60	1.6700	13.4662	15.1362	48.5542	0.0671	1.66996
-1.40	1.5913	12.2787	13.8701	46.6157	0.2462	1.59125
-1.20	1.5125	11.0899	12.6024	44.7123	0.4241	1.51239
-1.00	1.4372	9.9539	11.3911	42.8973	0.6019	1.43700
-0.80	1.3680	8.9095	10.2775	41.2072	0.7805	1.36767
-0.60	1.3063	7.9786	9.2849	39.6609	0.9605	1.30585

T = 7600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-0.40	1.2528	7.1690	8.4218	38.2523	1.1423	1.25207
-0.20	1.2072	6.4784	7.6856	37.0056	1.3262	1.20619
0.0	1.1692	5.8981	7.0673	35.8783	1.5123	1.16764
0.20	1.1331	5.4163	6.5543	34.8655	1.7006	1.13561
0.40	1.1131	5.0198	6.1329	33.9509	1.8909	1.10926
0.60	1.0936	4.6961	5.7897	33.1192	2.0833	1.08773
0.80	1.0794	4.4331	5.5125	32.3561	2.2776	1.07022
1.00	1.0704	4.2205	5.2908	31.6487	2.4739	1.05604
1.20	1.0670	4.0493	5.1163	30.9856	2.6726	1.04459
1.40	1.0706	3.9120	4.9825	30.3564	2.8740	1.03534
1.60	1.0832	3.8025	4.8857	29.7513	3.0791	1.02787
1.80	1.1090	3.7160	4.8250	29.1607	3.2893	1.02183
2.00	1.1544	3.6492	4.8036	28.5737	3.5068	1.01691
2.20	1.2298	3.6000	4.8297	27.9769	3.7342	1.01289
2.40	1.3521	3.5679	4.9200	27.3526	3.9754	1.00958

T = 7700						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	2.9240	33.7214	42.6454	101.6024	-5.0839	2.92425
-6.80	2.7812	36.4014	39.1826	96.9690	-4.9057	2.78142
-6.60	2.6525	33.4094	36.0618	92.7265	-4.7263	2.65271
-6.40	2.5396	30.7846	33.3242	88.9068	-4.5451	2.53979
-6.20	2.4426	28.5303	30.9730	85.5059	-4.3621	2.44281
-6.00	2.3607	26.6262	28.9869	82.4963	-4.1769	2.36089
-5.80	2.2924	25.0387	27.3311	79.8379	-3.9896	2.29259
-5.60	2.2351	23.7285	25.9645	77.4354	-3.8004	2.23622
-5.40	2.1899	22.6556	24.8456	75.3937	-3.6095	2.19005
-5.20	2.1523	21.7825	23.9349	73.5210	-3.4170	2.15247
-5.00	2.1219	21.0751	23.1970	71.8298	-3.2232	2.12201
-4.80	2.0973	20.5037	22.6010	70.2970	-3.0283	2.09738
-4.60	2.0774	20.0428	22.1202	68.8650	-2.8324	2.07747
-4.40	2.0612	19.6706	21.7318	67.5400	-2.6358	2.06133
-4.20	2.0481	19.3686	21.4166	66.2919	-2.4386	2.04814
-4.00	2.0371	19.1207	21.1578	65.1034	-2.2409	2.03715
-3.80	2.0276	18.9125	20.9402	63.9593	-2.0429	2.02770
-3.60	2.0190	18.7303	20.7493	62.8454	-1.8448	2.01906
-3.40	2.0104	18.5597	20.5702	61.7470	-1.6466	2.01048
-3.20	2.0010	18.3847	20.3856	60.6482	-1.4487	2.00101
-3.00	1.9894	18.1854	20.1748	59.5300	-1.2512	1.98944
-2.80	1.9742	17.9372	19.9113	58.3690	-1.0545	1.97421
-2.60	1.9533	17.6097	19.5630	57.1369	-0.8591	1.95334
-2.40	1.9246	17.1685	19.0930	55.8024	-0.6656	1.92459
-2.20	1.8858	16.5805	18.4662	54.3366	-0.4744	1.88577
-2.00	1.8354	15.8239	17.6593	52.7227	-0.2862	1.83545
-1.80	1.7737	14.8988	16.6725	50.9662	-0.1010	1.77366
-1.60	1.7024	13.8333	15.5356	49.0999	0.0811	1.70233
-1.40	1.6250	12.6785	14.3035	47.1789	0.2609	1.62490
-1.20	1.5457	11.4966	13.0424	45.2669	0.4392	1.54559
-1.00	1.4635	10.3461	11.8146	43.4225	0.6170	1.46833
-0.80	1.3965	9.2720	10.6685	41.6889	0.7951	1.39617
-0.60	1.3315	8.3028	9.6344	40.0919	0.9744	1.33105
-0.40	1.2745	7.4518	8.7263	38.6411	1.1554	1.27384
-0.20	1.2257	6.7203	7.9460	37.3342	1.3385	1.22467
0.0	1.1847	6.1019	7.2867	36.1611	1.5237	1.18309

T= 7700						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
0.20	1.1509	5.5861	6.7370	35.1078	1.7111	1.14840
0.40	1.1236	5.1602	6.2838	34.1583	1.9007	1.11974
0.60	1.1022	4.8113	5.9134	33.2971	2.0923	1.09626
0.80	1.0863	4.5272	5.6136	32.5094	2.2861	1.07712
1.00	1.0760	4.2971	5.3731	31.7816	2.4819	1.06160
1.20	1.0715	4.1115	5.1831	31.1018	2.6801	1.04904
1.40	1.0742	3.9625	5.0367	30.4590	2.8812	1.03889
1.60	1.0861	3.8434	4.9295	29.8429	3.0860	1.03068
1.80	1.1113	3.7491	4.8604	29.2432	3.2959	1.02404
2.00	1.1561	3.6759	4.8320	28.6489	3.5131	1.01863
2.20	1.2310	3.6215	4.8525	28.0462	3.7403	1.01420
2.40	1.3528	3.5851	4.9380	27.4172	3.9813	1.01056

T= 7800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	3.0223	41.5427	44.5650	103.9480	-5.0640	3.02262
-6.80	2.8722	38.0964	40.9686	99.1448	-4.8861	2.87250
-6.60	2.7341	34.9246	37.6586	94.6825	-4.7075	2.73434
-6.40	2.6108	32.0952	34.7060	90.6230	-4.5275	2.61109
-6.20	2.5036	29.6330	32.1366	86.9837	-4.3457	2.50384
-6.00	2.4121	27.5316	29.9437	83.7511	-4.1619	2.41231
-5.80	2.3352	25.7655	28.1006	80.8924	-3.9760	2.33537
-5.60	2.2713	24.2986	26.5699	78.3652	-3.7880	2.27147
-5.40	2.2187	23.0916	25.3103	76.1248	-3.5982	2.21888
-5.20	2.1758	22.1056	24.2814	74.1272	-3.4067	2.17592
-5.00	2.1408	21.3045	23.4453	72.3324	-3.2137	2.14099
-4.80	2.1126	20.6561	22.7687	70.7049	-3.0195	2.11271
-4.60	2.0897	20.1326	22.2223	69.2139	-2.8242	2.08984
-4.40	2.0712	19.7100	21.7813	67.8335	-2.6281	2.07133
-4.20	2.0562	19.3681	21.4243	66.5413	-2.4312	2.05627
-4.00	2.0438	19.0892	21.1330	65.3184	-2.2339	2.04386
-3.80	2.0333	18.8580	20.8913	64.1485	-2.0361	2.03337
-3.60	2.0240	18.6602	20.6843	63.0165	-1.8381	2.02410
-3.40	2.0152	18.4817	20.4969	61.9080	-1.6400	2.01530
-3.20	2.0060	18.3071	20.3131	60.8073	-1.4420	2.00607
-3.00	1.9953	18.1182	20.1134	59.6970	-1.2443	1.99534
-2.80	1.9816	17.8926	19.8742	58.5556	-1.0473	1.98168
-2.60	1.9632	17.6024	19.5656	57.3568	-0.8513	1.96327
-2.40	1.9379	17.2147	19.1526	56.0705	-0.6570	1.93795
-2.20	1.9034	16.6951	18.5985	54.6661	-0.4648	1.90344
-2.00	1.8579	16.0161	17.8740	53.1205	-0.2753	1.85789
-1.80	1.8007	15.1677	16.9684	51.4292	-0.0889	1.80066
-1.60	1.7329	14.1659	15.8989	49.6135	0.0945	1.73287
-1.40	1.6575	13.0532	14.7107	47.7199	0.2751	1.65743
-1.20	1.5785	11.8882	13.4667	45.8097	0.4539	1.57836
-1.00	1.5000	10.7316	12.2316	43.9444	0.6318	1.49980
-0.80	1.4255	9.6343	11.0598	42.1736	0.8097	1.42522
-0.60	1.3575	8.6311	9.9885	40.5298	0.9884	1.35701
-0.40	1.2972	7.7409	9.0381	39.0287	1.1687	1.29648
-0.20	1.2451	6.9694	8.2145	37.6722	1.3509	1.24400
0.0	1.2010	6.3132	7.5142	36.4530	1.5352	1.19935
0.20	1.1644	5.7629	6.9273	35.3583	1.7218	1.16191
0.40	1.1347	5.3067	6.4415	34.3730	1.9106	1.13086
0.60	1.1113	4.9319	6.0432	33.4812	2.1015	1.10533

T = 7800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
0.90	1.0938	4.6260	5.7197	32.6678	2.2946	1.08448
1.00	1.0820	4.3777	5.4596	31.9187	2.4899	1.06753
1.20	1.0764	4.1770	5.2534	31.2214	2.6877	1.05379
1.40	1.0780	4.0156	5.0937	30.5642	2.8883	1.04268
1.60	1.0892	3.8864	4.9756	29.9364	3.0928	1.03369
1.80	1.1137	3.7839	4.8976	29.3273	3.3025	1.02640
2.00	1.1579	3.7040	4.8619	28.7252	3.5194	1.02047
2.20	1.2323	3.6440	4.8763	28.1163	3.7464	1.01561
2.40	1.3536	3.6032	4.9568	27.4822	3.9872	1.01161

T = 7900						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	3.1210	43.3271	46.4481	106.2730	-5.0445	3.12129
-6.80	2.9658	39.8093	42.7751	101.3538	-4.8666	2.96616
-6.60	2.8197	36.4942	39.3139	96.7070	-4.6886	2.81997
-6.40	2.6868	33.4806	36.1674	92.4260	-4.5095	2.68708
-6.20	2.5694	30.8186	33.3881	88.5543	-4.3289	2.56969
-6.00	2.4681	28.5200	30.9881	85.0764	-4.1464	2.46933
-5.80	2.3821	26.5701	28.9522	82.0302	-3.9618	2.38234
-5.60	2.3102	24.9390	27.2491	79.3192	-3.7751	2.31040
-5.40	2.2507	23.5892	25.8399	76.9197	-3.5865	2.25087
-5.20	2.2018	22.4817	24.6835	74.7873	-3.3960	2.20202
-5.00	2.1620	21.5789	23.7409	72.8800	-3.2039	2.16219
-4.80	2.1297	20.8465	22.9762	71.1596	-3.0105	2.12986
-4.60	2.1035	20.2543	22.3578	69.5929	-2.8158	2.10369
-4.40	2.0824	19.7761	21.8585	68.1510	-2.6202	2.08251
-4.20	2.0652	19.3897	21.4549	66.8097	-2.4238	2.06533
-4.00	2.0512	19.0759	21.1270	65.5482	-2.2268	2.05128
-3.80	2.0395	18.8180	20.8575	64.3485	-2.0293	2.03956
-3.60	2.0294	18.6012	20.6306	63.1948	-1.8314	2.02946
-3.40	2.0201	18.4110	20.4312	62.0723	-1.6334	2.02021
-3.20	2.0109	18.2326	20.2435	60.9656	-1.4354	2.01100
-3.00	2.0007	18.0490	20.0437	59.8582	-1.2376	2.00080
-2.80	1.9883	17.8397	19.8280	58.7303	-1.0403	1.98933
-2.60	1.9719	17.5791	19.5510	57.5576	-0.8439	1.97194
-2.40	1.9495	17.2362	19.1858	56.3116	-0.6488	1.94957
-2.20	1.9189	16.7770	18.6959	54.9613	-0.4557	1.91893
-2.00	1.8779	15.1701	18.0480	53.4797	-0.2651	1.87791
-1.80	1.8253	15.3973	17.2226	51.8537	-0.0774	1.82529
-1.60	1.7615	14.4634	16.2249	50.0935	0.1071	1.76145
-1.40	1.6887	13.4005	15.0891	48.2359	0.2888	1.68861
-1.20	1.6106	12.2616	13.8722	46.3372	0.4682	1.61045
-1.00	1.5314	11.1078	12.6392	44.4600	0.6463	1.53119
-0.80	1.4549	9.9941	11.4490	42.6588	0.8241	1.45463
-0.60	1.3841	8.9616	10.3457	40.9728	1.0024	1.38363
-0.40	1.3206	8.0352	9.3558	39.4239	1.1820	1.31989
-0.20	1.2653	7.2252	8.4905	38.0189	1.3634	1.26416
0.0	1.2181	6.5314	7.7494	36.7535	1.5469	1.21641
0.20	1.1787	5.9464	7.1251	35.6170	1.7326	1.17614
0.40	1.1465	5.4595	6.6060	34.5949	1.9206	1.14261
0.60	1.1210	5.0579	6.1789	33.6715	2.1108	1.11494
0.80	1.1016	4.7294	5.8310	32.8314	2.3033	1.09229
1.00	1.0884	4.4621	5.5505	32.0601	2.4980	1.07384
1.20	1.0815	4.2458	5.3273	31.3444	2.6953	1.05986

T= 7900						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
1.40	1.0822	4.0715	5.1537	30.6722	2.8955	1.04673
1.60	1.0925	3.9317	5.0242	30.0321	3.0996	1.03691
1.80	1.1163	3.8205	4.9368	29.4130	3.3090	1.02893
2.00	1.1599	3.7335	4.8934	28.8027	3.5257	1.02244
2.20	1.2338	3.6677	4.9015	28.1872	3.7525	1.01712
2.40	1.3545	3.6221	4.9766	27.5478	3.9930	1.01273

T= 8000						
LOG RHO	Z	F/RT	H/RT	S/R	LOG P	Z*
-7.00	3.2182	45.0371	48.2552	108.5389	-5.0257	3.21853
-6.80	3.0607	41.5088	44.5695	103.5649	-4.8475	3.06104
-6.60	2.9083	38.0956	41.0040	98.7776	-4.6697	2.90869
-6.40	2.7669	34.9263	37.6932	94.3019	-4.4913	2.76723
-6.20	2.6398	32.0791	34.7188	90.2103	-4.3117	2.64014
-6.00	2.5286	29.5874	32.1160	86.5292	-4.1304	2.52892
-5.80	2.4333	27.4516	29.8849	83.2513	-3.9471	2.43358
-5.60	2.3529	25.6502	28.0031	80.3484	-3.7617	2.35316
-5.40	2.2859	24.1500	26.4359	77.7806	-3.5742	2.28619
-5.20	2.2307	22.9129	25.1437	75.5039	-3.3849	2.23096
-5.00	2.1855	21.9006	24.0862	73.4751	-3.1937	2.18576
-4.80	2.1488	21.0770	23.2258	71.6537	-3.0011	2.14897
-4.60	2.1190	20.4097	22.5287	70.0040	-2.8072	2.11914
-4.40	2.0948	19.8704	21.9653	68.4947	-2.6122	2.09499
-4.20	2.0753	19.4348	21.5100	67.0989	-2.4162	2.07543
-4.00	2.0594	19.0818	21.1412	65.7941	-2.2196	2.05950
-3.80	2.0462	18.7937	20.8400	64.5607	-2.0223	2.04635
-3.60	2.0351	18.5544	20.5896	63.3818	-1.8247	2.03521
-3.40	2.0252	18.3492	20.3744	62.2416	-1.6268	2.02533
-3.20	2.0158	18.1632	20.1790	61.1252	-1.4289	2.01590
-3.00	2.0059	17.9804	19.9863	60.0163	-1.2310	2.00598
-2.80	1.9943	17.7818	19.7761	58.8965	-1.0335	1.99438
-2.60	1.9795	17.5439	19.5235	57.7435	-0.8367	1.97960
-2.40	1.9597	17.2381	19.1978	56.5303	-0.6411	1.95972
-2.20	1.9325	16.8311	18.7636	55.2268	-0.4472	1.93250
-2.00	1.8957	16.2898	18.1855	53.8036	-0.2555	1.89568
-1.80	1.8476	15.5897	17.4373	52.2411	-0.0667	1.84761
-1.60	1.7880	14.7255	16.5135	50.5394	0.1191	1.78796
-1.40	1.7183	13.7185	15.4368	48.7247	0.3018	1.71823
-1.20	1.6418	12.6143	14.2561	46.8467	0.4820	1.64163
-1.00	1.5625	11.4718	13.0343	44.9663	0.6605	1.56227
-0.80	1.4845	10.3490	11.8336	43.1421	0.8383	1.48423
-0.60	1.4112	9.2926	10.7039	41.4191	1.0163	1.41076
-0.40	1.3448	8.3333	9.6781	39.8255	1.1953	1.34402
-0.20	1.2862	7.4867	8.7729	38.3734	1.3760	1.28509
0.0	1.2359	6.7560	7.9919	37.0623	1.5587	1.23423
0.20	1.1937	6.1364	7.3301	35.8836	1.7436	1.19109
0.40	1.1589	5.6182	6.7772	34.8239	1.9307	1.15499
0.60	1.1312	5.1894	6.3206	33.8680	2.1202	1.12511
0.80	1.1100	4.8375	5.9475	33.0004	2.3120	1.10058
1.00	1.0951	4.5507	5.6458	32.2060	2.5062	1.08054
1.20	1.0870	4.3180	5.4050	31.4711	2.7029	1.06426
1.40	1.0866	4.1302	5.2168	30.7831	2.9028	1.05105
1.60	1.0960	3.9793	5.0753	30.1301	3.1065	1.04033
1.80	1.1191	3.8590	4.9781	29.5004	3.3156	1.03163

T= 8000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
2.00	1.1621	3.7646	4.9267	28.8816	3.5319	1.02454
2.20	1.2354	3.6927	4.9280	28.2591	3.7585	1.01873
2.40	1.3555	3.6420	4.9975	27.6141	3.9988	1.01394

T= 8100						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	3.3121	46.6338	49.9459	110.7051	-5.0078	3.31247
-6.80	3.1551	43.1592	46.3143	105.7412	-4.8289	3.15551
-6.60	2.9988	39.7002	42.6991	100.8653	-4.6510	2.99926
-6.40	2.8503	36.4116	39.2619	96.2302	-4.4730	2.85069
-6.20	2.7143	33.4006	36.1149	91.9384	-4.2943	2.71467
-6.00	2.5935	30.7258	33.3192	88.0420	-4.1140	2.59384
-5.80	2.4897	28.4056	30.8943	84.5523	-3.9319	2.48902
-5.60	2.3995	26.4306	28.8300	81.4523	-3.7478	2.39979
-5.40	2.3246	24.7738	27.0984	78.7081	-3.5616	2.32494
-5.20	2.2626	23.3998	25.6624	76.2783	-3.3733	2.26286
-5.00	2.2116	22.2705	24.4821	74.1192	-3.1832	2.21183
-4.80	2.1699	21.3486	23.5186	72.1888	-2.9915	2.17016
-4.60	2.1361	20.5999	22.7360	70.4489	-2.7983	2.13630
-4.40	2.1087	19.9940	22.1026	68.8658	-2.6039	2.10886
-4.20	2.0865	19.5043	21.5907	67.4103	-2.4085	2.08665
-4.00	2.0684	19.1081	21.1766	66.0576	-2.2123	2.06860
-3.80	2.0537	18.7860	20.8397	64.7864	-2.0154	2.05381
-3.60	2.0413	18.5209	20.5622	63.5785	-1.8180	2.04145
-3.40	2.0306	18.2973	20.3280	62.4173	-1.6203	2.03075
-3.20	2.0208	18.1003	20.1212	61.2875	-1.4224	2.02090
-3.00	2.0109	17.9144	19.9253	60.1732	-1.2245	2.01101
-2.80	1.9999	17.7216	19.7215	59.0568	-1.0269	2.00000
-2.60	1.9864	17.5005	19.4869	57.9177	-0.8298	1.98646
-2.40	1.9686	17.2245	19.1931	56.7308	-0.6338	1.96864
-2.20	1.9444	16.8620	18.8064	55.4671	-0.4391	1.94440
-2.00	1.9114	16.3793	18.2908	54.0762	-0.2466	1.91142
-1.80	1.8677	15.7476	17.6153	52.5938	-0.0566	1.86772
-1.60	1.8124	14.9531	16.7655	50.9515	0.1303	1.81237
-1.40	1.7462	14.0064	15.7526	49.1850	0.3142	1.74616
-1.20	1.6718	12.9442	14.6160	47.3356	0.4953	1.67170
-1.00	1.5931	11.8214	13.4144	45.4608	0.6743	1.59286
-0.80	1.5142	10.6970	12.2112	43.6211	0.8523	1.51384
-0.60	1.4388	9.6224	11.0612	41.8667	1.0301	1.43928
-0.40	1.3695	8.6342	10.0037	40.2322	1.2086	1.36875
-0.20	1.3079	7.7531	9.0610	38.7349	1.3886	1.30674
0.0	1.2545	6.9867	8.2412	37.3788	1.5706	1.25279
0.20	1.2093	6.3327	7.5421	36.1578	1.7546	1.20674
0.40	1.1720	5.7830	6.9551	35.0601	1.9410	1.16802
0.60	1.1420	5.3264	6.4684	34.0709	2.1297	1.13584
0.80	1.1188	4.9506	6.0694	33.1749	2.3208	1.10934
1.00	1.1023	4.6434	5.7457	32.3564	2.5144	1.08765
1.20	1.0928	4.3938	5.4866	31.6016	2.7106	1.06998
1.40	1.0913	4.1919	5.2832	30.8972	2.9100	1.05563
1.60	1.0998	4.0295	5.1293	30.2307	3.1134	1.04398
1.80	1.1221	3.8997	5.0218	29.5899	3.3221	1.03451
2.00	1.1644	3.7974	4.9618	28.9621	3.5382	1.02678
2.20	1.2371	3.7191	4.9562	28.3322	3.7645	1.02045
2.40	1.3567	3.6631	5.0198	27.6812	4.0046	1.01522

T= 8200						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	3.4011	48.0869	51.4881	112.7395	-4.9910	3.40154
-6.80	3.2476	44.7286	47.9762	107.8499	-4.8110	3.24803
-6.60	3.0899	41.2803	44.3703	102.9424	-4.6326	3.09040
-6.40	2.9361	37.9158	40.8519	98.1905	-4.4548	2.93660
-6.20	2.7923	34.7694	37.5618	93.7255	-4.2766	2.79277
-6.00	2.6624	31.9268	34.5892	89.6274	-4.0973	2.66282
-5.80	2.5482	29.4281	31.9763	85.9295	-3.9163	2.54860
-5.60	2.4499	27.2786	29.7286	82.6297	-3.7334	2.45033
-5.40	2.3669	25.4607	27.8276	79.7032	-3.5484	2.36722
-5.20	2.2975	23.9434	26.2410	77.1124	-3.3613	2.29786
-5.00	2.2402	22.6901	24.9304	74.8147	-3.1723	2.24055
-4.80	2.1933	21.6631	23.8564	72.7671	-2.9815	2.19358
-4.60	2.1551	20.8266	22.9817	70.9297	-2.7891	2.15531
-4.40	2.1240	20.1482	22.2722	69.2663	-2.5954	2.12425
-4.20	2.0989	19.5995	21.6984	67.7454	-2.4006	2.09908
-4.00	2.0785	19.1558	21.2343	66.3400	-2.2048	2.07867
-3.80	2.0619	18.7960	20.8578	65.0269	-2.0083	2.06202
-3.60	2.0481	18.5016	20.5497	63.7863	-1.8112	2.04824
-3.40	2.0364	18.2565	20.2929	62.6008	-1.6137	2.03653
-3.20	2.0260	18.0453	20.0713	61.4542	-1.4159	2.02608
-3.00	2.0159	17.8526	19.8685	60.3308	-1.2181	2.01601
-2.80	2.0052	17.6614	19.6667	59.2137	-1.0204	2.00532
-2.60	1.9926	17.4518	19.4445	58.0835	-0.8232	1.99271
-2.40	1.9765	17.1992	19.1757	56.9168	-0.6267	1.97657
-2.20	1.9548	16.8740	18.8288	55.6861	-0.4315	1.95488
-2.00	1.9253	16.4428	18.3681	54.3611	-0.2381	1.92534
-1.80	1.8857	15.8742	17.7600	52.9146	-0.0471	1.88575
-1.60	1.8347	15.1476	16.9824	51.3308	0.1410	1.83471
-1.40	1.7724	14.2638	16.0361	49.6160	0.3260	1.77230
-1.20	1.7006	13.2496	14.9502	47.8018	0.5080	1.70047
-1.00	1.6229	12.1540	13.7770	45.9409	0.6877	1.62274
-0.80	1.5436	11.0356	12.5792	44.0933	0.8659	1.54329
-0.60	1.4665	9.9490	11.4155	42.3137	1.0437	1.46604
-0.40	1.3948	8.9362	10.3309	40.6423	1.2219	1.39400
-0.20	1.3302	8.0234	9.3536	39.1024	1.4013	1.32905
0.0	1.2738	7.2226	8.4964	37.7023	1.5825	1.27205
0.20	1.2257	6.5347	7.7604	36.4392	1.7658	1.22307
0.40	1.1857	5.9535	7.1392	35.3030	1.9514	1.18167
0.60	1.1533	5.4687	6.6220	34.2799	2.1394	1.14713
0.80	1.1281	5.0683	6.1964	33.3545	2.3298	1.11858
1.00	1.1099	4.7402	5.8501	32.5114	2.5227	1.09516
1.20	1.0990	4.4730	5.5720	31.7359	2.7184	1.07604
1.40	1.0962	4.2566	5.3528	31.0143	2.9173	1.06049
1.60	1.1038	4.0821	5.1859	30.3336	3.1203	1.04785
1.80	1.1252	3.9424	5.0676	29.6813	3.3287	1.03756
2.00	1.1669	3.8319	4.9988	29.0440	3.5444	1.02916
2.20	1.2390	3.7469	4.9858	28.4064	3.7705	1.02228
2.40	1.3579	3.6854	5.0433	27.7492	4.0103	1.01659

T= 8300						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	3.4839	49.3708	52.8546	114.6142	-4.9753	3.48432
-6.80	3.3365	46.1853	49.5219	109.8578	-4.7940	3.33700
-6.60	3.1802	42.8057	45.9859	104.9775	-4.6149	3.18069

T= 8300						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-6.40	3.0233	39.4139	42.4372	100.1573	-4.4368	3.02382
-6.20	2.8731	36.1674	39.0405	95.5533	-4.2590	2.87366
-6.00	2.7349	33.1785	35.9134	91.2736	-4.0804	2.73542
-5.80	2.6116	30.5117	33.1233	87.3763	-3.9004	2.61208
-5.60	2.5043	28.1905	30.6948	83.8778	-3.7186	2.50472
-5.40	2.4127	26.2092	28.6219	80.7648	-3.5348	2.41307
-5.20	2.3356	24.5437	26.8793	78.0064	-3.3489	2.33603
-5.00	2.2717	23.1601	25.4317	75.5624	-3.1610	2.27203
-4.90	2.2190	22.0213	24.2403	73.3901	-2.9712	2.21934
-4.60	2.1760	21.0907	23.2667	71.4478	-2.7797	2.17627
-4.40	2.1410	20.3343	22.4752	69.6976	-2.5867	2.14124
-4.20	2.1126	19.7215	21.8340	68.1056	-2.3925	2.11283
-4.00	2.0896	19.2258	21.3154	66.6426	-2.1973	2.08979
-3.80	2.0709	18.8244	20.8953	65.2834	-2.0012	2.07106
-3.60	2.0555	18.4975	20.5530	64.0064	-1.8044	2.05567
-3.40	2.0426	18.2277	20.2704	62.7931	-1.6071	2.04276
-3.20	2.0314	17.9992	20.0306	61.6266	-1.4095	2.03152
-3.00	2.0209	17.7964	19.8174	60.4907	-1.2118	2.02107
-2.80	2.0104	17.6031	19.6134	59.3691	-1.0140	2.01047
-2.60	1.9984	17.4003	19.3988	58.2432	-0.8166	1.99351
-2.40	1.9836	17.1655	19.1491	57.0913	-0.6199	1.98371
-2.20	1.9641	16.8708	18.8349	55.8375	-0.4242	1.96416
-2.00	1.9376	16.4842	18.4219	54.6021	-0.2301	1.93765
-1.80	1.9019	15.9729	17.8747	53.2053	-0.0381	1.90187
-1.60	1.8550	15.3111	17.1662	51.6791	0.1510	1.85503
-1.40	1.7967	14.4909	16.2876	50.0176	0.3371	1.79660
-1.20	1.7279	13.5294	15.2574	48.2441	0.5202	1.72783
-1.00	1.6519	12.4680	14.1200	46.4743	0.7007	1.65174
-0.80	1.5727	11.3628	12.9355	44.5565	0.8793	1.57240
-0.60	1.4944	10.2704	11.7648	42.7580	1.0571	1.49391
-0.40	1.4204	9.2378	10.6582	41.0544	1.2351	1.41966
-0.20	1.3531	8.2964	9.6495	39.4747	1.4140	1.35194
0.0	1.2937	7.4630	8.7568	38.0322	1.5945	1.29197
0.20	1.2427	6.7420	7.9847	36.7274	1.7771	1.24007
0.40	1.2000	6.1293	7.3293	35.5525	1.9619	1.19595
0.60	1.1652	5.6160	6.7812	34.4949	2.1491	1.15897
0.80	1.1379	5.1906	6.3285	33.5395	2.3388	1.12831
1.00	1.1179	4.8411	5.9590	32.6709	2.5311	1.10308
1.20	1.1055	4.5558	5.6613	31.8739	2.7262	1.08245
1.40	1.1015	4.3242	5.4257	31.1344	2.9247	1.06563
1.60	1.1030	4.1371	5.2452	30.4391	3.1272	1.05195
1.80	1.1286	3.9871	5.1157	29.7747	3.3352	1.04080
2.00	1.1696	3.8681	5.0377	29.1275	3.5507	1.03169
2.20	1.2410	3.7760	5.0170	28.4818	3.7764	1.02422
2.40	1.3593	3.7087	5.0680	27.8179	4.0160	1.01804

T= 8400						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	3.5593	50.4701	54.0295	116.3117	-4.9607	3.55982
-6.80	3.4205	47.5043	50.9248	111.7380	-4.7780	3.42106
-6.60	3.2692	44.2487	47.5169	106.9419	-4.5978	3.26874
-6.40	3.1106	40.9814	43.9920	102.1057	-4.4193	3.11119
-6.20	2.9559	37.5752	40.5312	97.4029	-4.2414	2.95650
-6.00	2.8105	34.4676	37.2781	92.9678	-4.0633	2.81110

T= 8400						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.80	2.6786	31.6482	34.3269	88.8851	-3.8842	2.67913
-5.60	2.5623	29.1618	31.7242	85.1925	-3.7035	2.56284
-5.40	2.4620	27.0174	29.4794	81.8916	-3.5208	2.46257
-5.20	2.3770	25.2001	27.5771	78.9606	-3.3361	2.37746
-5.00	2.3059	23.6808	25.9868	76.3636	-3.1493	2.30636
-4.80	2.2472	22.4243	24.6715	74.0591	-2.9605	2.24755
-4.60	2.1990	21.3935	23.5925	72.0050	-2.7699	2.19930
-4.40	2.1596	20.5533	22.7129	70.1614	-2.5777	2.15995
-4.20	2.1277	19.8713	21.9990	68.4925	-2.3842	2.12798
-4.00	2.1018	19.3192	21.4210	66.9667	-2.1895	2.10206
-3.80	2.0808	18.8723	20.9531	65.5570	-1.9939	2.08100
-3.60	2.0636	18.5094	20.5730	64.2399	-1.7975	2.06379
-3.40	2.0493	18.2119	20.2612	62.9954	-1.6005	2.04951
-3.20	2.0371	17.9630	20.0002	61.8057	-1.4031	2.03729
-3.00	2.0261	17.7472	19.7733	60.6543	-1.2054	2.02629
-2.80	2.0154	17.5482	19.5636	59.5247	-1.0077	2.01556
-2.60	2.0039	17.3482	19.3521	58.3991	-0.8102	2.00400
-2.40	1.9901	17.1260	19.1161	57.2572	-0.6132	1.99021
-2.20	1.9724	16.8559	18.8283	56.0745	-0.4171	1.97245
-2.00	1.9495	16.5073	18.4558	54.8228	-0.2224	1.94858
-1.80	1.9162	16.0470	17.9632	53.4722	-0.0297	1.91626
-1.60	1.8734	15.4460	17.3194	51.9982	0.1605	1.87344
-1.40	1.8191	14.6888	16.5079	50.3903	0.3477	1.81904
-1.20	1.7538	13.7830	15.5368	48.6615	0.5318	1.75364
-1.00	1.6799	12.7617	14.4416	46.8493	0.7132	1.67970
-0.80	1.6013	11.6765	13.2779	45.0085	0.8924	1.60099
-0.60	1.5222	10.5849	12.1071	43.1976	1.0704	1.52172
-0.40	1.4464	9.5374	10.9838	41.4668	1.2482	1.44561
-0.20	1.3765	8.5710	9.9475	39.8506	1.4267	1.37534
0.0	1.3143	7.7071	9.0214	38.3674	1.6066	1.31250
0.20	1.2604	6.9539	8.2143	37.0217	1.7884	1.25770
0.40	1.2150	6.3101	7.5250	35.8082	1.9724	1.21083
0.60	1.1777	5.7681	6.9458	34.7157	2.1589	1.17137
0.80	1.1482	5.3173	6.4655	33.7296	2.3479	1.13852
1.00	1.1264	4.9458	6.0722	32.8347	2.5396	1.11142
1.20	1.1124	4.6419	5.7543	32.0156	2.7341	1.08921
1.40	1.1071	4.3947	5.5018	31.2577	2.9321	1.07107
1.60	1.1125	4.1946	5.3071	30.5470	3.1342	1.05628
1.80	1.1322	4.0338	5.1661	29.8700	3.3418	1.04423
2.00	1.1724	3.9060	5.0784	29.2124	3.5569	1.03437
2.20	1.2431	3.8065	5.0496	28.5582	3.7824	1.02627
2.40	1.3608	3.7331	5.0939	27.8875	4.0217	1.01958

T= 8500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	3.6269	51.3778	55.0047	117.8222	-4.9474	3.62740
-6.80	3.4985	48.6653	52.1638	113.4683	-4.7631	3.49904
-6.60	3.3526	45.5829	48.9355	108.8077	-4.5816	3.35317
-6.40	3.1968	42.2920	45.4888	104.0085	-4.4023	3.19743
-6.20	3.0396	38.9710	42.0106	99.2516	-4.2242	3.04026
-6.00	2.8885	35.7774	38.6659	94.6933	-4.0463	2.88912
-5.80	2.7498	32.8264	35.5752	90.4447	-3.8678	2.74946
-5.60	2.6239	30.1854	32.8093	86.5672	-3.6880	2.62446
-5.40	2.5148	27.8813	30.3961	83.0803	-3.5065	2.51541

T= 8500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.20	2.4216	25.9108	28.3324	79.9737	-3.3229	2.42214
-5.00	2.3431	24.2518	26.5950	77.2182	-3.1372	2.34362
-4.80	2.2779	22.8721	25.1500	74.7750	-2.9494	2.27831
-4.60	2.2241	21.7355	23.9596	72.6021	-2.7598	2.22450
-4.40	2.1801	20.8059	22.9860	70.6588	-2.5685	2.18047
-4.20	2.1443	20.0497	22.1940	68.9071	-2.3757	2.14463
-4.00	2.1152	19.4367	21.5519	67.3135	-2.1816	2.11554
-3.80	2.0917	18.9404	21.0320	65.8488	-1.9865	2.09192
-3.60	2.0724	18.5380	20.6104	64.4877	-1.7905	2.07268
-3.40	2.0566	18.2096	20.2662	63.2086	-1.5938	2.05683
-3.20	2.0433	17.9375	19.9808	61.9927	-1.3966	2.04347
-3.00	2.0315	17.7057	19.7372	60.8226	-1.1991	2.03172
-2.80	2.0205	17.4979	19.5184	59.6818	-1.0015	2.02068
-2.60	2.0091	17.2970	19.3062	58.5530	-0.8040	2.00928
-2.40	1.9961	17.0831	19.0792	57.4167	-0.6068	1.99624
-2.20	1.9798	16.8321	18.8120	56.2501	-0.4103	1.97993
-2.00	1.9582	16.5152	18.4735	55.0262	-0.2151	1.95831
-1.80	1.9291	16.0999	18.0289	53.7154	-0.0216	1.92910
-1.60	1.8900	15.5548	17.4449	52.2906	0.1695	1.89006
-1.40	1.8397	14.8588	16.6985	50.7353	0.3578	1.83966
-1.20	1.7780	14.0105	15.7884	49.0535	0.5429	1.77787
-1.00	1.7067	13.0340	14.7407	47.2743	0.7252	1.70648
-0.80	1.6292	11.9753	13.6045	45.4474	0.9050	1.62892
-0.60	1.5499	10.8907	12.4406	43.6308	1.0833	1.54935
-0.40	1.4725	9.8337	11.3063	41.8780	1.2611	1.47174
-0.20	1.4004	8.8460	10.2464	40.2290	1.4393	1.39916
0.0	1.3354	7.9540	9.2894	38.7073	1.6186	1.33359
0.20	1.2787	7.1700	8.4487	37.3217	1.7998	1.27593
0.40	1.2305	6.4955	7.7260	36.0699	1.9831	1.22631
0.60	1.1907	5.9249	7.1156	34.9421	2.1688	1.18432
0.80	1.1590	5.4484	6.6074	33.9249	2.3571	1.14923
1.00	1.1352	5.0545	6.1898	33.0030	2.5481	1.12019
1.20	1.1196	4.7315	5.8511	32.1610	2.7421	1.09632
1.40	1.1130	4.4681	5.5811	31.3840	2.9395	1.07680
1.60	1.1173	4.2546	5.3719	30.6574	3.1412	1.06086
1.80	1.1360	4.0826	5.2187	29.9673	3.3484	1.04785
2.00	1.1754	3.9455	5.1209	29.2989	3.5632	1.03721
2.20	1.2454	3.8384	5.0838	28.6358	3.7883	1.02845
2.40	1.3624	3.7587	5.1211	27.9578	4.0273	1.02121

T= 8600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	3.6864	52.0963	55.7827	119.1460	-4.9353	3.68689
-6.80	3.5696	49.6569	53.2264	115.0350	-4.7493	3.57014
-6.60	3.4322	46.7874	50.2195	110.5525	-4.5663	3.43280
-6.40	3.2806	43.6218	46.9024	105.8408	-4.3859	3.28129
-6.20	3.1232	40.3327	43.4559	101.0772	-4.2073	3.12387
-6.00	2.9680	37.0909	40.0589	96.4329	-4.0294	2.96870
-5.80	2.8217	34.0339	36.8556	92.0432	-3.8514	2.82238
-5.60	2.6886	31.2535	33.9421	87.9944	-3.6724	2.68929
-5.40	2.5710	28.7963	31.3673	84.3267	-3.4918	2.57167
-5.20	2.4695	26.6736	29.1431	81.0440	-3.3093	2.47007
-5.00	2.3833	24.8723	27.2556	78.1259	-3.1247	2.38384
-4.80	2.3112	23.3650	25.6762	75.5382	-2.9381	2.31168

T= 8600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-4.60	2.2515	22.1173	24.3688	73.2403	-2.7494	2.25194
-4.40	2.2025	21.0931	23.2955	71.1909	-2.5590	2.20289
-4.20	2.1625	20.2576	22.4201	69.3507	-2.3669	2.16285
-4.00	2.1300	19.5791	21.7090	67.6841	-2.1735	2.13031
-3.80	2.1036	19.0294	21.1330	66.1598	-1.9789	2.10389
-3.60	2.0821	18.5840	20.6661	64.7508	-1.7334	2.08240
-3.40	2.0645	18.2216	20.2861	63.4337	-1.5871	2.06479
-3.20	2.0499	17.9235	19.9734	62.1884	-1.3902	2.05011
-3.00	2.0372	17.6729	19.7102	60.9967	-1.1929	2.03745
-2.80	2.0257	17.4534	19.4792	59.8417	-0.9953	2.02591
-2.60	2.0143	17.2483	19.2626	58.7063	-0.7978	2.01447
-2.40	2.0018	17.0387	19.0405	57.5719	-0.6005	2.00193
-2.20	1.9866	16.8020	18.7887	56.4167	-0.4038	1.98675
-2.00	1.9670	16.5112	18.4782	55.2153	-0.2081	1.96705
-1.80	1.9405	16.1348	18.0753	53.9389	-0.0140	1.94058
-1.60	1.9050	15.6405	17.5455	52.5587	0.1780	1.90502
-1.40	1.8586	15.0026	16.8612	51.0538	0.3673	1.85852
-1.20	1.8006	14.2121	16.0127	49.4203	0.5535	1.80045
-1.00	1.7322	13.2841	15.0163	47.6785	0.7367	1.73198
-0.80	1.6564	12.2575	13.9139	45.8715	0.9172	1.65603
-0.60	1.5772	11.1861	12.7633	44.0555	1.0960	1.57663
-0.40	1.4937	10.1251	11.6238	42.2863	1.2738	1.49792
-0.20	1.4245	9.1202	10.5447	40.6085	1.4518	1.42332
0.0	1.3570	8.2028	9.5598	39.0509	1.6307	1.35517
0.20	1.2975	7.3895	8.6871	37.6267	1.8112	1.29473
0.40	1.2466	6.6851	7.9317	36.3369	1.9938	1.24237
0.60	1.2043	6.0861	7.2903	35.1738	2.1788	1.19781
0.80	1.1703	5.5837	6.7540	34.1250	2.3664	1.16042
1.00	1.1445	5.1670	6.3115	33.1756	2.5567	1.12937
1.20	1.1272	4.8243	5.9515	32.3101	2.7501	1.10380
1.40	1.1192	4.5443	5.6635	31.5133	2.9470	1.08293
1.60	1.1223	4.3169	5.4392	30.7703	3.1482	1.06569
1.80	1.1400	4.1334	5.2735	30.0665	3.3550	1.05158
2.00	1.1786	3.9867	5.1653	29.3869	3.5694	1.04020
2.20	1.2479	3.8716	5.1195	28.7145	3.7943	1.03076
2.40	1.3642	3.7853	5.1494	28.0289	4.0330	1.02294

T= 8700						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	3.7379	52.6359	56.3739	120.2913	-4.9242	3.73846
-6.80	3.6333	50.4756	54.1089	116.4327	-4.7366	3.63391
-6.60	3.5060	47.8474	51.3534	112.1597	-4.5521	3.50671
-6.40	3.3609	44.8501	48.2110	107.5806	-4.3704	3.36165
-6.20	3.2055	41.6394	44.8449	102.8577	-4.1910	3.20625
-6.00	3.0482	38.3898	41.4380	98.1682	-4.0128	3.04897
-5.80	2.8966	35.2573	38.1539	93.6671	-3.8350	2.89735
-5.60	2.7562	32.3567	35.1129	89.4654	-3.6566	2.75696
-5.40	2.6304	29.7568	32.3871	85.6256	-3.4769	2.63111
-5.20	2.5205	27.4854	30.0059	82.1688	-3.2954	2.52116
-5.00	2.4264	25.5410	27.9675	79.0860	-3.1119	2.42704
-4.80	2.3471	23.9027	26.2499	76.3490	-2.9263	2.34773
-4.60	2.2812	22.5393	24.8204	73.9204	-2.7387	2.28172
-4.40	2.2268	21.4154	23.6422	71.7589	-2.5492	2.22730
-4.20	2.1823	20.4958	22.6781	69.8244	-2.3580	2.18275

T= 8700						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-4.00	2.1460	19.7473	21.8933	68.0795	-2.1652	2.14646
-3.80	2.1166	19.1401	21.2567	66.4911	-1.9712	2.11698
-3.60	2.0927	18.6481	20.7408	65.0301	-1.7762	2.09302
-3.40	2.0732	18.2486	20.3218	63.6715	-1.5802	2.07346
-3.20	2.0570	17.9217	19.9787	62.3937	-1.3836	2.05728
-3.00	2.0433	17.6496	19.6929	61.1775	-1.1865	2.04354
-2.80	2.0311	17.4157	19.4468	60.0055	-0.9891	2.03133
-2.60	2.0195	17.2033	19.2228	58.8605	-0.7916	2.01966
-2.40	2.0072	16.9944	19.0016	57.7243	-0.5943	2.00737
-2.20	1.9929	16.7677	18.7606	56.5764	-0.3974	1.99306
-2.00	1.9748	16.4978	18.4726	55.3927	-0.2013	1.97494
-1.80	1.9508	16.1546	18.1054	54.1453	-0.0067	1.95087
-1.60	1.9185	15.7057	17.6241	52.8052	0.1861	1.91849
-1.40	1.8757	15.1223	16.9981	51.3477	0.3763	1.87572
-1.20	1.8215	14.3889	16.2104	49.7625	0.5635	1.82141
-1.00	1.7563	13.5117	15.2680	48.0611	0.7477	1.75611
-0.80	1.6825	12.5221	14.2046	46.2794	0.9291	1.68220
-0.60	1.6040	11.4697	13.0737	44.4702	1.1083	1.60344
-0.40	1.5249	10.4100	11.9349	42.6901	1.2863	1.52404
-0.20	1.4490	9.3923	10.8413	40.9879	1.4642	1.44771
0.0	1.3791	8.4526	9.8316	39.3972	1.6427	1.37718
0.20	1.3169	7.6119	8.9288	37.9361	1.8227	1.31406
0.40	1.2633	6.8785	8.1418	36.6089	2.0046	1.25897
0.60	1.2183	6.2513	7.4696	35.4106	2.1889	1.21183
0.80	1.1820	5.7229	6.9049	34.3298	2.3758	1.17209
1.00	1.1543	5.2831	6.4374	33.3524	2.5654	1.13899
1.20	1.1352	4.9204	6.0556	32.4629	2.7582	1.11164
1.40	1.1257	4.6234	5.7491	31.6457	2.9545	1.08917
1.60	1.1275	4.3817	5.5092	30.8856	3.1552	1.07077
1.80	1.1443	4.1862	5.3305	30.1677	3.3617	1.05571
2.00	1.1819	4.0295	5.2114	29.4763	3.5757	1.04336
2.20	1.2505	3.9062	5.1566	28.7944	3.8002	1.03319
2.40	1.3660	3.8129	5.1790	28.1009	4.0386	1.02477

T= 3800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	3.7820	53.0119	56.7939	121.2711	-4.9142	3.78258
-6.80	3.6896	51.1248	54.8144	117.6626	-4.7249	3.69024
-6.60	3.5735	48.7540	52.3275	113.6186	-4.5388	3.57423
-6.40	3.4367	45.9595	49.3963	109.2092	-4.3558	3.43749
-6.20	3.2855	42.8706	46.1561	104.5720	-4.1753	3.28633
-6.00	3.1281	39.6554	42.7835	99.8798	-3.9966	3.12898
-5.80	2.9728	36.4813	39.4541	95.3012	-3.8187	2.97365
-5.60	2.8261	33.4844	36.3106	90.9694	-3.6407	2.82699
-5.40	2.6926	30.7557	33.4483	86.9703	-3.4617	2.69343
-5.20	2.5745	28.3422	30.9167	83.3445	-3.2812	2.57531
-5.00	2.4725	26.2558	28.7283	80.0967	-3.0988	2.47320
-4.80	2.3858	24.4844	26.8702	77.2072	-2.9143	2.38650
-4.60	2.3133	23.0014	25.3147	74.6427	-2.7277	2.31391
-4.40	2.2532	21.7733	24.0265	72.3636	-2.5391	2.25378
-4.20	2.2039	20.7648	22.9697	70.3292	-2.3487	2.20439
-4.00	2.1636	19.9419	22.1054	68.5009	-2.1567	2.16407
-3.80	2.1308	19.2732	21.4040	66.8437	-1.9634	2.13126
-3.60	2.1042	18.7311	20.8353	65.3266	-1.7688	2.10461

T= 8800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-3.40	2.0825	13.2913	20.3738	63.9229	-1.5733	2.08288
-3.20	2.0647	17.9326	19.9973	62.6095	-1.3771	2.06502
-3.00	2.0498	17.6364	19.6861	61.3660	-1.1802	2.05004
-2.80	2.0367	17.3855	19.4222	60.1741	-0.9830	2.03699
-2.60	2.0247	17.1631	19.1878	59.0166	-0.7856	2.02491
-2.40	2.0125	16.9516	18.9641	57.8756	-0.5882	2.01263
-2.20	1.9988	16.7310	18.7299	56.7312	-0.3911	1.99899
-2.00	1.9820	16.4773	18.4594	55.5607	-0.1948	1.98215
-1.80	1.9600	16.1620	18.1221	54.3375	0.0003	1.96014
-1.60	1.9306	15.7532	17.6837	53.0325	0.1938	1.93062
-1.40	1.8913	15.2201	17.1114	51.6189	0.3848	1.89134
-1.20	1.8408	14.5419	16.3827	50.0809	0.5731	1.84077
-1.00	1.7790	13.7168	15.4958	48.4219	0.7583	1.77883
-0.80	1.7076	12.7681	14.4758	46.6701	0.9405	1.70733
-0.60	1.6302	11.7401	13.3703	44.8734	1.1203	1.62965
-0.40	1.5508	10.6872	12.2380	43.0880	1.2986	1.54996
-0.20	1.4735	9.6612	11.1347	41.3658	1.4764	1.47224
0.0	1.4015	8.7024	10.1030	39.7453	1.6547	1.39955
0.20	1.3367	7.8364	9.1732	38.2491	1.8341	1.33386
0.40	1.2804	7.0752	8.3556	36.8856	2.0154	1.27609
0.60	1.2330	6.4202	7.6532	35.6522	2.1990	1.22636
0.80	1.1943	5.8659	7.0602	34.5393	2.3852	1.18425
1.00	1.1644	5.4028	6.5672	33.5334	2.5742	1.14902
1.20	1.1436	5.0197	6.1632	32.6192	2.7663	1.11984
1.40	1.1325	4.7052	5.8377	31.7811	2.9621	1.09581
1.60	1.1331	4.4488	5.5818	31.0035	3.1623	1.07610
1.80	1.1488	4.2409	5.3897	30.2709	3.3683	1.05994
2.00	1.1855	4.0739	5.2594	29.5674	3.5820	1.04668
2.20	1.2532	3.9420	5.1953	28.8754	3.8061	1.03575
2.40	1.3681	3.8416	5.2097	28.1736	4.0442	1.02669

T= 8900						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	3.8193	53.2423	57.0617	122.1019	-4.9050	3.81988
-6.80	3.7386	51.6132	55.3519	118.7316	-4.7143	3.73929
-6.60	3.6342	49.5043	53.1385	114.9240	-4.5266	3.63497
-6.40	3.5071	46.9372	50.4443	110.7118	-4.3421	3.50797
-6.20	3.3622	44.0080	47.3702	106.2002	-4.1604	3.36306
-6.00	3.2068	40.8686	44.0754	101.5480	-3.9809	3.20774
-5.80	3.0495	37.6896	40.7392	96.9285	-3.8028	3.05047
-5.60	2.8978	34.6239	37.5218	92.4936	-3.6249	2.89879
-5.40	2.7574	31.7843	34.5416	88.3523	-3.4465	2.75829
-5.20	2.6314	29.2381	31.8696	84.5657	-3.2668	2.63231
-5.00	2.5214	27.0133	29.5347	81.1551	-3.0854	2.52222
-4.80	2.4272	25.1084	27.5355	78.1112	-2.9019	2.42796
-4.60	2.3478	23.5029	25.8507	75.4069	-2.7163	2.34852
-4.40	2.2817	22.1667	24.4484	73.0051	-2.5287	2.28238
-4.20	2.2272	21.0650	23.2922	70.8656	-2.3392	2.22785
-4.00	2.1826	20.1633	22.3459	68.9489	-2.1480	2.18319
-3.80	2.1463	19.4291	21.5754	67.2183	-1.9553	2.14680
-3.60	2.1167	18.8333	20.9501	65.6410	-1.7613	2.11721
-3.40	2.0927	18.3500	20.4427	64.1887	-1.5663	2.09312
-3.20	2.0730	17.9568	20.0298	62.8364	-1.3704	2.07340
-3.00	2.0567	17.6339	19.6906	61.5627	-1.1738	2.05701

T= 8900						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-2.80	2.0427	17.3634	19.4061	60.3484	-0.9768	2.04296
-2.60	2.0300	17.1284	19.1585	59.1757	-0.7795	2.03030
-2.40	2.0177	16.9116	18.9293	58.0268	-0.5821	2.01794
-2.20	2.0044	16.6936	18.6980	56.8826	-0.3850	2.00463
-2.00	1.9886	16.4519	18.4405	55.7213	-0.1884	1.98881
-1.80	1.9684	16.1595	18.1279	54.5176	0.0071	1.96854
-1.60	1.9415	15.7855	17.7270	53.2430	0.2011	1.94156
-1.40	1.9055	15.2992	17.2037	51.8695	0.3930	1.90553
-1.20	1.8586	14.6725	16.5312	50.3767	0.5822	1.85858
-1.00	1.8003	13.8999	15.7002	48.7611	0.7683	1.80011
-0.80	1.7316	12.9951	14.7267	47.0427	0.9514	1.73131
-0.60	1.6556	11.9962	13.6518	45.2636	1.1320	1.65512
-0.40	1.5764	10.9552	12.5316	43.4784	1.3107	1.57558
-0.20	1.4981	9.9255	11.4236	41.7409	1.4885	1.49680
0.0	1.4241	8.9512	10.3753	40.0940	1.6665	1.42220
0.20	1.3570	8.0623	9.4193	38.5649	1.8456	1.35409
0.40	1.2981	7.2746	8.5727	37.1662	2.0263	1.29370
0.60	1.2481	6.5925	7.8405	35.8982	2.2092	1.24139
0.80	1.2070	6.0124	7.2194	34.7531	2.3947	1.19686
1.00	1.1750	5.5258	6.7008	33.7183	2.5830	1.15948
1.20	1.1523	5.1220	6.2743	32.7791	2.7745	1.12841
1.40	1.1397	4.7897	5.9294	31.9195	2.9698	1.10277
1.60	1.1389	4.5181	5.6570	31.1237	3.1695	1.08169
1.80	1.1535	4.2976	5.4510	30.3760	3.3750	1.06439
2.00	1.1893	4.1200	5.3092	29.6599	3.5883	1.05018
2.20	1.2562	3.9792	5.2353	28.9575	3.8120	1.03845
2.40	1.3702	3.8714	5.2416	28.2472	4.0498	1.02872

T= 9000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	3.8506	53.3474	57.1980	122.8025	-4.8966	3.85113
-6.80	3.7808	51.9549	55.7358	119.6520	-4.7046	3.78151
-6.60	3.6981	50.1021	53.7902	116.0784	-4.5154	3.68886
-6.40	3.5717	47.7764	51.3481	112.0802	-4.3293	3.57256
-6.20	3.4346	45.0376	48.4723	107.7274	-4.1463	3.43560
-6.00	3.2833	42.0127	45.2960	103.1552	-3.9658	3.28433
-5.90	3.1259	38.9665	41.9925	98.5331	-3.7872	3.12699
-5.60	2.9707	35.7626	38.7333	94.0256	-3.6093	2.97176
-5.40	2.8242	32.8334	35.6577	89.7624	-3.4313	2.82526
-5.20	2.6909	30.1674	32.8584	85.8268	-3.2523	2.69191
-5.00	2.5731	27.8101	30.3832	82.2581	-3.0717	2.57401
-4.80	2.4712	25.7728	28.2440	79.0599	-2.8892	2.47211
-4.60	2.3848	24.0433	26.4281	76.2129	-2.7047	2.38560
-4.40	2.3124	22.5955	24.9079	73.6840	-2.5181	2.31317
-4.20	2.2525	21.3967	23.6491	71.4345	-2.3295	2.25318
-4.00	2.2033	20.4121	22.6154	69.4244	-2.1391	2.20390
-3.80	2.1631	19.6086	21.7716	67.6157	-1.9471	2.16365
-3.60	2.1304	18.9554	21.0858	65.9742	-1.7537	2.13089
-3.40	2.1038	18.4254	20.5292	64.4696	-1.5592	2.10424
-3.20	2.0820	17.9948	20.0769	63.0753	-1.3637	2.08247
-3.00	2.0641	17.6426	19.7068	61.7685	-1.1674	2.06449
-2.80	2.0489	17.3502	19.3992	60.5291	-0.9706	2.04929
-2.60	2.0356	17.1002	19.1357	59.3386	-0.7735	2.03588
-2.40	2.0229	16.8752	18.8981	58.1791	-0.5762	2.02321

T= 9000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-2.20	2.0099	16.6566	18.6665	57.0319	-0.3790	2.01009
-2.00	1.9948	16.4231	18.4180	55.8762	-0.1822	1.99503
-1.80	1.9761	16.1492	18.1253	54.6878	0.0136	1.97621
-1.60	1.9514	15.8050	17.7564	53.4390	0.2082	1.95146
-1.40	1.9183	15.3588	17.2772	52.1014	0.4008	1.91839
-1.20	1.8750	14.7826	16.6575	50.6513	0.5908	1.87492
-1.00	1.8201	14.0615	15.8817	49.0790	0.7779	1.81995
-0.80	1.7544	13.2027	14.9571	47.3967	0.9620	1.75409
-0.60	1.6803	12.2370	13.9173	45.6399	1.1432	1.67976
-0.40	1.6016	11.2129	12.8145	43.8601	1.3224	1.60077
-0.20	1.5226	10.1842	11.7068	42.1120	1.5004	1.52130
0.0	1.4470	9.1980	10.6450	40.4423	1.6783	1.44504
0.20	1.3776	8.2887	9.6664	38.8828	1.8570	1.37468
0.40	1.3162	7.4761	8.7924	37.4503	2.0372	1.31177
0.60	1.2636	6.7677	8.0314	36.1482	2.2195	1.25689
0.80	1.2202	6.1621	7.3823	34.9710	2.4043	1.20994
1.00	1.1860	5.6520	6.8380	33.9072	2.5919	1.17036
1.20	1.1614	5.2273	6.3887	32.9423	2.7828	1.13735
1.40	1.1471	4.8769	6.0240	32.0608	2.9775	1.11004
1.60	1.1450	4.5898	5.7348	31.2464	3.1766	1.08755
1.80	1.1584	4.3561	5.5146	30.4831	3.3817	1.06906
2.00	1.1932	4.1676	5.3608	29.7540	3.5946	1.05384
2.20	1.2593	4.0176	5.2769	29.0408	3.8180	1.04128
2.40	1.3725	3.9021	5.2747	28.3216	4.0554	1.03085

T= 9100						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	3.8766	53.3468	57.2234	123.3917	-4.8889	3.87714
-6.80	3.8168	52.1663	55.9831	120.4389	-4.6957	3.81748
-6.60	3.7353	50.5561	54.2914	117.0888	-4.5050	3.73610
-6.40	3.6301	48.4759	52.1060	113.3118	-4.3174	3.63097
-6.20	3.5023	45.9496	49.4518	109.1423	-4.1330	3.50328
-6.00	3.3568	43.0733	46.4301	104.6860	-3.9514	3.35790
-5.80	3.2013	39.9969	43.1982	100.0994	-3.7720	3.20241
-5.60	3.0441	36.8875	39.9316	95.5520	-3.5939	3.04523
-5.40	2.8927	33.8934	36.7861	91.1911	-3.4160	2.89388
-5.20	2.7527	31.1234	33.8762	87.1217	-3.2376	2.75386
-5.00	2.6273	28.6421	31.2695	83.4020	-3.0578	2.62842
-4.80	2.5179	26.4756	28.9935	80.0513	-2.8763	2.51889
-4.60	2.4242	24.6216	27.0458	77.0600	-2.6928	2.42516
-4.40	2.3453	23.0598	25.4051	74.4005	-2.5072	2.34619
-4.20	2.2797	21.7601	24.0398	72.0364	-2.3195	2.28047
-4.00	2.2255	20.6888	22.9144	69.9281	-2.1299	2.22628
-3.80	2.1812	19.8120	21.9932	68.0370	-1.9387	2.18190
-3.60	2.1451	19.0980	21.2431	66.3271	-1.7459	2.14572
-3.40	2.1157	18.5181	20.6339	64.7663	-1.5519	2.11628
-3.20	2.0918	18.0472	20.1390	63.3268	-1.3568	2.09228
-3.00	2.0721	17.6632	19.7353	61.9842	-1.1609	2.07254
-2.80	2.0556	17.3464	19.4021	60.7170	-0.9644	2.05603
-2.60	2.0414	17.0789	19.1203	59.5062	-0.7674	2.04172
-2.40	2.0283	16.8433	18.8715	58.3335	-0.5702	2.02858
-2.20	2.0152	16.6213	18.6365	57.1805	-0.3730	2.01544
-2.00	2.0007	16.3926	18.3933	56.0270	-0.1762	2.00092
-1.80	1.9831	16.1330	18.1161	54.8500	0.0200	1.98328

T= 9100						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-1.60	1.9603	15.8140	17.7744	53.6228	0.2150	1.96045
-1.40	1.9300	15.4042	17.3342	52.3168	0.4082	1.93007
-1.20	1.8899	14.8738	16.7636	50.9064	0.5991	1.88987
-1.00	1.8385	14.2028	16.0413	49.3765	0.7871	1.83838
-0.90	1.7759	13.3910	15.1669	47.7320	0.9721	1.77562
-0.60	1.7040	12.4619	14.1659	46.0013	1.1541	1.70347
-0.40	1.6263	11.4593	13.0855	44.2317	1.3338	1.62542
-0.20	1.5469	10.4360	11.9830	42.4779	1.5121	1.54562
0.0	1.4700	9.4419	10.9119	40.7892	1.6900	1.46800
0.20	1.3986	8.5150	9.9135	39.2020	1.8683	1.39558
0.40	1.3348	7.6793	9.0140	37.7373	2.0480	1.33023
0.60	1.2797	6.9456	8.2253	36.4020	2.2297	1.27284
0.80	1.2338	6.3148	7.5486	35.1928	2.4139	1.22345
1.00	1.1974	5.7812	6.9787	34.0997	2.6009	1.18164
1.20	1.1709	5.3354	6.5063	33.1090	2.7911	1.14665
1.40	1.1549	4.9666	6.1215	32.2050	2.9852	1.11762
1.60	1.1514	4.6637	5.8150	31.3716	3.1839	1.09367
1.80	1.1636	4.4166	5.5802	30.5922	3.3884	1.07394
2.00	1.1974	4.2168	5.4142	29.8497	3.6009	1.05769
2.20	1.2625	4.0573	5.3199	29.1253	3.8239	1.04425
2.40	1.3750	3.9339	5.3090	28.3968	4.0609	1.03309

T= 9200						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	3.8981	53.2585	57.1566	123.8859	-4.8818	3.89863
-6.80	3.8472	52.2639	56.1111	121.1072	-4.6875	3.84784
-6.60	3.7762	50.8772	54.6534	117.9642	-4.4955	3.77702
-6.40	3.6821	49.0376	52.7197	114.4064	-4.3065	3.68306
-6.20	3.5645	46.7366	50.3011	110.4359	-4.1206	3.56554
-6.00	3.4265	44.0365	47.4630	106.1253	-3.9378	3.42762
-5.80	3.2746	41.0648	44.3394	101.6102	-3.7574	3.27582
-5.60	3.1172	37.9835	41.1007	97.0571	-3.5788	3.11842
-5.40	2.9623	34.9517	37.9140	92.6257	-3.4010	2.96354
-5.20	2.8164	32.0968	34.9133	88.4406	-3.2229	2.81770
-5.00	2.6840	29.5030	32.1870	84.5405	-3.0438	2.68517
-4.80	2.5670	27.2126	29.7796	81.0816	-2.8632	2.56816
-4.60	2.4661	25.2352	27.7013	77.9460	-2.6806	2.46713
-4.40	2.3804	23.5579	25.9384	75.1533	-2.4960	2.38143
-4.20	2.3088	22.1547	24.4635	72.6709	-2.3092	2.30972
-4.00	2.2495	20.9932	23.2427	70.4602	-2.1205	2.25035
-3.80	2.2008	20.0395	22.2403	68.4822	-1.9300	2.20158
-3.60	2.1610	19.2612	21.4222	66.6999	-1.7379	2.16174
-3.40	2.1287	18.6283	20.7570	65.0795	-1.5445	2.12930
-3.20	2.1023	18.1143	20.2166	63.5915	-1.3499	2.10286
-3.00	2.0807	17.6959	19.7766	62.2101	-1.1544	2.08121
-2.80	2.0628	17.3524	19.4152	60.9126	-0.9582	2.06323
-2.60	2.0475	17.0652	19.1127	59.6791	-0.7614	2.04787
-2.40	2.0337	16.8166	18.8503	58.4908	-0.5643	2.03409
-2.20	2.0205	16.5886	18.6091	57.3293	-0.3672	2.02077
-2.00	2.0063	16.3616	18.3679	56.1750	-0.1702	2.00657
-1.80	1.9896	16.1126	18.1022	55.0058	0.0262	1.98987
-1.60	1.9685	15.8145	17.7830	53.7961	0.2215	1.96868
-1.40	1.9406	15.4366	17.3772	52.5178	0.4153	1.94069
-1.20	1.9035	14.9480	16.8515	51.1436	0.6069	1.90354

T= 9200						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-1.00	1.8556	14.3249	16.1805	49.6546	0.7959	1.85544
-0.80	1.7962	13.5604	15.3566	48.0487	0.9817	1.79589
-0.60	1.7267	12.6705	14.3972	46.3473	1.1646	1.72620
-0.40	1.6503	11.6934	13.3437	44.5924	1.3449	1.64944
-0.20	1.5710	10.6801	12.2511	42.8374	1.5236	1.56968
0.0	1.4930	9.6818	11.1748	41.1337	1.7014	1.49100
0.20	1.4198	8.7403	10.1600	39.5217	1.8796	1.41672
0.40	1.3537	7.8834	9.2371	38.0266	2.0589	1.34907
0.60	1.2961	7.1256	8.4217	36.6590	2.2400	1.28921
0.80	1.2479	6.4702	7.7181	35.4182	2.4236	1.23740
1.00	1.2093	5.9133	7.1225	34.2958	2.6099	1.19332
1.20	1.1807	5.4463	6.6270	33.2789	2.7995	1.15632
1.40	1.1631	5.0587	6.2218	32.3521	2.9930	1.12552
1.60	1.1580	4.7397	5.8977	31.4991	3.1911	1.10005
1.80	1.1690	4.4789	5.6479	30.7032	3.3952	1.07904
2.00	1.2017	4.2675	5.4692	29.9469	3.6072	1.06171
2.20	1.2660	4.0983	5.3643	29.2110	3.8298	1.04736
2.40	1.3776	3.9667	5.3443	28.4729	4.0665	1.03544

T= 9300						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	3.9158	53.0991	57.0148	124.3014	-4.8751	3.91634
-6.80	3.8726	52.2651	56.1377	121.6734	-4.6799	3.87330
-6.60	3.8113	51.0797	54.8910	118.7179	-4.4868	3.81214
-6.40	3.7281	49.4691	53.1971	115.3704	-4.2964	3.72902
-6.20	3.6210	47.3977	51.0187	111.6059	-4.1091	3.62211
-6.00	3.4917	44.8943	48.3860	107.4639	-3.9249	3.49290
-5.80	3.3452	42.0579	45.4031	103.0527	-3.7435	3.34650
-5.60	3.1893	39.0380	42.2272	98.5279	-3.5642	3.19062
-5.40	3.0323	35.9976	39.0299	94.0550	-3.3861	3.03368
-5.20	2.8817	33.0796	35.9612	89.7755	-3.2083	2.88304
-5.00	2.7427	30.3871	33.1298	85.7884	-3.0297	2.74404
-4.80	2.6195	27.9804	30.5989	82.1477	-2.8499	2.61979
-4.60	2.5103	25.8824	28.3927	78.8694	-2.6682	2.51148
-4.40	2.4178	24.0893	26.5070	75.9422	-2.4845	2.41890
-4.20	2.3399	22.5802	24.9202	73.3382	-2.2987	2.34098
-4.00	2.2752	21.3254	23.6006	71.0212	-2.1109	2.27617
-3.80	2.2219	20.2915	22.5134	68.9522	-1.9212	2.22275
-3.60	2.1782	19.4455	21.6237	67.0934	-1.7298	2.17901
-3.40	2.1426	18.7565	20.8991	65.4097	-1.5370	2.14334
-3.20	2.1136	18.1966	20.3102	63.8700	-1.3429	2.11428
-3.00	2.0899	17.7412	19.8312	62.4469	-1.1478	2.09053
-2.80	2.0704	17.3687	19.4391	61.1166	-0.9519	2.07092
-2.60	2.0539	17.0596	19.1135	59.8579	-0.7553	2.05436
-2.40	2.0394	16.7958	18.8352	58.6517	-0.5584	2.03980
-2.20	2.0258	16.5594	18.5851	57.4792	-0.3613	2.02613
-2.00	2.0117	16.3312	18.3429	56.3213	-0.1643	2.01206
-1.80	1.9958	16.0894	18.0852	55.1567	0.0322	1.99607
-1.60	1.9761	15.8082	17.7843	53.9607	0.2279	1.97625
-1.40	1.9502	15.4579	17.4081	52.7060	0.4222	1.95038
-1.20	1.9160	15.0071	16.9231	51.3646	0.6145	1.91604
-1.00	1.8713	14.4293	16.3006	49.9143	0.8042	1.87120
-0.80	1.8152	13.7115	15.5266	48.3473	0.9910	1.81489
-0.60	1.7484	12.8626	14.6110	46.6775	1.1747	1.74788

T= 9300						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-0.40	1.6736	11.9146	13.5882	44.9413	1.3557	1.67275
-0.20	1.5947	10.9154	12.5101	43.1895	1.5348	1.59339
0.0	1.5160	9.9169	11.4329	41.4748	1.7128	1.51395
0.20	1.4411	9.9638	10.4049	39.8410	1.8908	1.43805
0.40	1.3729	8.0880	9.4608	38.3175	2.0697	1.36824
0.60	1.3130	7.3073	8.6203	36.9187	2.2503	1.30597
0.80	1.2624	6.6280	7.8903	35.6468	2.4333	1.25175
1.00	1.2215	6.0479	7.2694	34.4952	2.6190	1.20541
1.20	1.1909	5.5596	6.7505	33.4518	2.8080	1.16634
1.40	1.1715	5.1531	6.3247	32.5018	3.0008	1.13373
1.60	1.1650	4.8177	5.9827	31.6289	3.1984	1.10670
1.80	1.1746	4.5429	5.7176	30.8161	3.4020	1.08436
2.00	1.2063	4.3196	5.5259	30.0455	3.6135	1.06591
2.20	1.2696	4.1404	5.4100	29.2977	3.8358	1.05062
2.40	1.3804	4.0003	5.3807	28.5497	4.0721	1.03790

T= 9400						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	3.9303	52.8828	56.8132	124.6521	-4.8688	3.93089
-6.80	3.8939	52.1859	56.0798	122.1530	-4.6729	3.89456
-6.60	3.8412	51.1787	55.0200	119.3640	-4.4788	3.84205
-6.40	3.7632	49.7805	53.5487	116.2128	-4.2871	3.76915
-6.20	3.6718	47.9356	51.6074	112.6538	-4.0984	3.67295
-6.00	3.5521	45.6415	49.1935	108.6955	-3.9128	3.55332
-5.80	3.4124	42.9661	46.3785	104.4158	-3.7302	3.41380
-5.60	3.2597	40.0389	43.2986	99.9519	-3.5501	3.26114
-5.40	3.1022	37.0198	40.1220	95.4679	-3.3716	3.10368
-5.20	2.9479	34.0626	37.0105	91.1177	-3.1937	2.94944
-5.00	2.8032	31.2882	34.0914	87.0193	-3.0156	2.80473
-4.80	2.6722	28.7748	31.4470	83.2457	-2.8364	2.67363
-4.60	2.5568	26.5607	29.1175	79.8282	-2.6556	2.55813
-4.40	2.4573	24.6526	27.1099	76.7662	-2.4728	2.45860
-4.20	2.3731	23.0363	25.4094	74.0382	-2.2880	2.37427
-4.00	2.3027	21.6855	23.9882	71.6113	-2.1010	2.30379
-3.80	2.2445	20.5683	22.8127	69.4474	-1.9122	2.24547
-3.60	2.1967	19.6514	21.8480	67.5083	-1.7215	2.19759
-3.40	2.1576	18.9031	21.0607	65.7577	-1.5293	2.15847
-3.20	2.1258	18.2944	20.4203	64.1630	-1.3357	2.12658
-3.00	2.0999	17.7996	19.8995	62.6954	-1.1411	2.10056
-2.80	2.0786	17.3957	19.4743	61.3295	-0.9455	2.07916
-2.60	2.0607	17.0625	19.1233	60.0433	-0.7492	2.06125
-2.40	2.0453	16.7814	18.8267	58.8168	-0.5525	2.04576
-2.20	2.0312	16.5343	18.5654	57.6311	-0.3555	2.03158
-2.00	2.0171	16.3024	18.3195	56.4670	-0.1585	2.01747
-1.80	2.0017	16.0647	18.0664	55.3039	0.0381	2.00197
-1.60	1.9830	15.7968	17.7798	54.1183	0.2341	1.98329
-1.40	1.9591	15.4699	17.4290	52.9835	0.4288	1.95925
-1.20	1.9274	15.0529	16.9803	51.5713	0.6217	1.92748
-1.00	1.8858	14.5173	16.4030	50.1571	0.8122	1.88573
-0.80	1.8329	13.8451	15.6780	48.6282	0.9999	1.83266
-0.60	1.7490	13.0383	14.8073	46.9917	1.1844	1.76848
-0.40	1.6961	12.1223	13.8185	45.2776	1.3662	1.69528
-0.20	1.6180	11.1412	12.7592	43.5332	1.5457	1.61665
0.0	1.5388	10.1463	11.6852	41.8115	1.7239	1.53678

T= 9400						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
0.20	1.4626	9.1849	10.6475	40.1592	1.9019	1.45949
0.40	1.3924	8.2923	9.6847	38.6095	2.0805	1.38768
0.60	1.3302	7.4903	8.8205	37.1809	2.2606	1.32310
0.80	1.2772	6.7878	8.0651	35.8784	2.4430	1.26650
1.00	1.2341	6.1849	7.4191	34.6976	2.6281	1.21787
1.20	1.2015	5.6754	6.8769	33.6277	2.8165	1.17672
1.40	1.1803	5.2498	6.4301	32.6542	3.0087	1.14226
1.60	1.1722	4.8977	6.0699	31.7609	3.2057	1.11363
1.80	1.1806	4.6086	5.7892	30.9308	3.4088	1.08991
2.00	1.2111	4.3731	5.5842	30.1456	3.6199	1.07029
2.20	1.2734	4.1836	5.4570	29.3854	3.8417	1.05402
2.40	1.3833	4.0349	5.4181	28.6272	4.0776	1.04047

T= 9500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	3.9423	52.6217	56.5639	124.9490	-4.8629	3.94282
-6.80	3.9115	52.0405	55.9520	122.5590	-4.6663	3.91222
-6.60	3.8665	51.1885	55.0550	119.9153	-4.4713	3.86735
-6.40	3.8029	49.9831	53.7860	116.9433	-4.2786	3.80386
-6.20	3.7169	48.3549	52.0719	113.5826	-4.0885	3.71810
-6.00	3.6072	46.2752	49.8824	109.8156	-3.9015	3.60854
-5.80	3.4756	43.7801	47.2557	105.6887	-3.7176	3.47709
-5.60	3.3277	40.9736	44.3013	101.3152	-3.5365	3.32923
-5.40	3.1712	38.0056	41.1768	96.8506	-3.3574	3.17285
-5.20	3.0147	35.0349	38.0495	92.4556	-3.1794	3.01632
-5.00	2.8652	32.1975	35.0627	88.2645	-3.0015	2.86680
-4.80	2.7278	29.5897	32.3175	84.3693	-2.8229	2.72938
-4.60	2.6054	27.2659	29.8714	80.8182	-2.6428	2.60692
-4.40	2.4990	25.2452	27.7442	77.6227	-2.4609	2.50042
-4.20	2.4082	23.5213	25.9296	74.7695	-2.2770	2.40957
-4.00	2.3320	22.0726	24.4046	72.2299	-2.0909	2.33320
-3.80	2.2686	20.8693	23.1379	69.9676	-1.9029	2.26975
-3.60	2.2165	19.8785	22.0950	67.9445	-1.7130	2.21749
-3.40	2.1738	19.0681	21.2418	66.1236	-1.5215	2.17470
-3.20	2.1389	18.4080	20.5469	64.4707	-1.3285	2.13980
-3.00	2.1106	17.8711	19.9817	62.9556	-1.1343	2.11132
-2.80	2.0873	17.4337	19.5210	61.5517	-0.9391	2.08797
-2.60	2.0680	17.0743	19.1423	60.2357	-0.7431	2.06857
-2.40	2.0515	16.7738	18.8253	58.9868	-0.5466	2.05201
-2.20	2.0367	16.5139	18.5506	57.7856	-0.3497	2.03718
-2.00	2.0224	16.2759	18.2984	56.6129	-0.1528	2.02286
-1.80	2.0073	16.0396	18.0469	55.4487	0.0439	2.00766
-1.60	1.9896	15.7816	17.7712	54.2702	0.2401	1.98988
-1.40	1.9672	15.4743	17.4416	53.0516	0.4352	1.96743
-1.20	1.9379	15.0872	17.0251	51.7650	0.6286	1.93796
-1.00	1.8991	14.5904	16.4896	50.3843	0.8199	1.89912
-0.80	1.8494	13.9621	15.8115	48.8924	1.0084	1.84923
-0.60	1.7885	13.1979	14.9863	47.2901	1.1938	1.78799
-0.40	1.7178	12.3164	14.0342	45.6009	1.3763	1.71696
-0.20	1.6407	11.3568	12.9976	43.8679	1.5564	1.63939
0.0	1.5615	10.3693	11.9308	42.1431	1.7349	1.55940
0.20	1.4842	9.4028	10.8869	40.4754	1.9128	1.48100
0.40	1.4121	8.4960	9.9081	38.9019	2.0912	1.40736
0.60	1.3478	7.6741	9.0219	37.4449	2.2709	1.34057

T= 9500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
0.80	1.2925	6.9495	8.2419	36.1127	2.4527	1.28163
1.00	1.2471	6.3241	7.5713	34.9030	2.6372	1.23072
1.20	1.2125	5.7934	7.0059	33.8063	2.8250	1.18745
1.40	1.1894	5.3487	6.5381	32.8090	3.0166	1.15110
1.60	1.1797	4.9797	6.1594	31.8951	3.2131	1.12082
1.80	1.1867	4.6760	5.8627	31.0472	3.4157	1.09569
2.00	1.2161	4.4280	5.6441	30.2470	3.6263	1.07486
2.20	1.2774	4.2279	5.5053	29.4742	3.8476	1.05757
2.40	1.3863	4.0702	5.4566	28.7055	4.0832	1.04315

T= 9600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	3.9521	52.3259	56.2779	125.2028	-4.8573	3.95261
-6.80	3.9262	51.8418	55.7680	122.9042	-4.6602	3.92687
-6.60	3.8878	51.1234	55.0113	120.3861	-4.4644	3.88865
-6.40	3.8327	50.0903	53.9230	117.5745	-4.2706	3.83369
-6.20	3.7567	48.6649	52.4216	114.4007	-4.0793	3.75785
-6.00	3.6572	46.7980	50.4552	110.8258	-3.8910	3.65851
-5.80	3.5345	44.4960	48.0305	106.8669	-3.7058	3.53601
-5.60	3.3927	41.8342	45.2269	102.6095	-3.5236	3.39435
-5.40	3.2389	38.9455	42.1844	98.1935	-3.3437	3.24061
-5.20	3.0814	35.9878	39.0692	93.7804	-3.1654	3.08318
-5.00	2.9281	33.1084	36.0365	89.5174	-2.9875	2.92991
-4.80	2.7851	30.4205	33.2055	85.5142	-2.8093	2.78683
-4.60	2.6560	27.9953	30.6513	81.8368	-2.6299	2.65773
-4.40	2.5428	25.8655	28.4083	78.5106	-2.4488	2.54435
-4.20	2.4454	24.0346	26.4800	75.5318	-2.2658	2.44688
-4.00	2.3631	22.4867	24.8498	72.8772	-2.0806	2.36446
-3.80	2.2944	21.1948	23.4892	70.5134	-1.8935	2.29566
-3.60	2.2376	20.1274	22.3650	68.4029	-1.7043	2.23879
-3.40	2.1910	19.2520	21.4430	66.5081	-1.5135	2.19211
-3.20	2.1530	18.5376	20.6907	64.7938	-1.3211	2.15398
-3.00	2.1220	17.9564	20.0784	63.2284	-1.1274	2.12287
-2.80	2.0966	17.4830	19.5797	61.7839	-0.9326	2.09741
-2.60	2.0757	17.0954	19.1711	60.4357	-0.7370	2.07637
-2.40	2.0580	16.7736	18.8316	59.1622	-0.5407	2.05860
-2.20	2.0424	16.4988	18.5412	57.9433	-0.3440	2.04296
-2.00	2.0278	16.2525	18.2803	56.7599	-0.1471	2.02829
-1.80	2.0128	16.0150	18.0278	55.5919	0.0497	2.01321
-1.60	1.9959	15.7638	17.7596	54.4176	0.2460	1.99612
-1.40	1.9748	15.4727	17.4474	53.2120	0.4414	1.97501
-1.20	1.9475	15.1117	17.0591	51.9476	0.6353	1.94759
-1.00	1.9114	14.6503	16.5617	50.5973	0.8272	1.91145
-0.80	1.8648	14.0637	15.9285	49.1407	1.0165	1.86464
-0.60	1.8068	13.3418	15.1486	47.5729	1.2028	1.80640
-0.40	1.7386	12.4965	14.2351	45.9109	1.3861	1.73776
-0.20	1.6629	11.5617	13.2246	44.1927	1.5667	1.66156
0.0	1.5839	10.5852	12.1690	42.4686	1.7456	1.58176
0.20	1.5057	9.6168	11.1225	40.7889	1.9236	1.50250
0.40	1.4321	8.6982	10.1303	39.1941	2.1018	1.42723
0.60	1.3656	7.8583	9.2239	37.7103	2.2812	1.35834
0.80	1.3081	7.1124	8.4205	36.3491	2.4625	1.29711
1.00	1.2605	6.4651	7.7257	35.1108	2.6464	1.24393
1.20	1.2238	5.9134	7.1371	33.9875	2.8336	1.19853

T= 9600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
1.40	1.1988	5.4494	6.6482	32.9661	3.0246	1.16026
1.60	1.1875	5.0633	6.2508	32.0311	3.2205	1.12829
1.80	1.1931	4.7447	5.9378	31.1651	3.4225	1.10170
2.00	1.2213	4.4840	5.7053	30.3495	3.6327	1.07963
2.20	1.2816	4.2731	5.5546	29.5637	3.8536	1.06127
2.40	1.3896	4.1062	5.4958	28.7841	4.0887	1.04596

T= 9700						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	3.9601	52.0036	55.9637	125.4211	-4.8519	3.96064
-6.80	3.9383	51.6004	55.5387	123.1989	-4.6543	3.93899
-6.60	3.9057	50.9961	54.9018	120.7879	-4.4579	3.90652
-6.40	3.8582	50.1144	53.9726	118.1179	-4.2632	3.85915
-6.20	3.7914	48.8749	52.6663	115.1162	-4.0709	3.79254
-6.00	3.7019	47.2137	50.9155	111.7286	-3.8812	3.70326
-5.80	3.5887	45.1110	48.6996	107.9463	-3.6947	3.59025
-5.60	3.4542	42.6126	46.0668	103.8255	-3.5113	3.45596
-5.40	3.3045	39.8291	43.1336	99.4853	-3.3305	3.30633
-5.20	3.1475	36.9109	40.0584	95.0813	-3.1517	3.14945
-5.00	2.9916	34.0118	37.0035	90.7688	-2.9737	2.99360
-4.80	2.8437	31.2602	34.1039	86.6738	-2.7957	2.84565
-4.60	2.7085	28.7439	31.4523	82.8793	-2.6169	2.71035
-4.40	2.5885	26.5104	29.0989	79.4269	-2.4366	2.59026
-4.20	2.4845	24.5743	27.0587	76.3232	-2.2544	2.48615
-4.00	2.3960	22.9266	25.3225	73.5523	-2.0701	2.39753
-3.80	2.3217	21.5444	23.8661	71.0844	-1.8838	2.32319
-3.60	2.2602	20.3978	22.6580	68.8833	-1.6955	2.26149
-3.40	2.2095	19.4547	21.6642	66.9113	-1.5053	2.21072
-3.20	2.1681	18.6836	20.8516	65.1326	-1.3136	2.16916
-3.00	2.1342	18.0554	20.1896	63.5140	-1.1204	2.13523
-2.80	2.1066	17.5439	19.6506	62.0263	-0.9260	2.10750
-2.60	2.0839	17.1261	19.2099	60.6437	-0.7308	2.08467
-2.40	2.0648	16.7809	18.8458	59.3434	-0.5347	2.06555
-2.20	2.0484	16.4894	18.5378	58.1048	-0.3382	2.04899
-2.00	2.0332	16.2328	18.2661	56.9084	-0.1414	2.03380
-1.80	2.0182	15.9918	18.0100	55.7345	0.0553	2.01868
-1.60	2.0017	15.7446	17.7463	54.5617	0.2518	2.00208
-1.40	1.9818	15.4663	17.4480	53.3659	0.4474	1.98209
-1.20	1.9563	15.1277	17.0840	52.1203	0.6418	1.95648
-1.00	1.9228	14.6983	16.6210	50.7973	0.8343	1.92282
-0.80	1.8791	14.1508	16.0300	49.3741	1.0243	1.87895
-0.60	1.8241	13.4705	15.2947	47.8406	1.2114	1.82372
-0.40	1.7584	12.6627	14.4211	46.2074	1.3955	1.75763
-0.20	1.6844	11.7553	13.4397	44.5071	1.5768	1.68306
0.0	1.6059	10.7932	12.3991	42.7873	1.7561	1.60377
0.20	1.5272	9.8262	11.3534	41.0990	1.9343	1.52392
0.40	1.4521	8.8986	10.3507	39.4855	2.1124	1.44723
0.60	1.3837	8.0424	9.4262	37.9767	2.2914	1.37637
0.80	1.3240	7.2765	8.6006	36.5877	2.4723	1.31293
1.00	1.2743	6.6080	7.8822	35.3212	2.6556	1.25749
1.20	1.2354	6.0354	7.2708	34.1712	2.8422	1.20995
1.40	1.2086	5.5521	6.7607	33.1257	3.0326	1.16973
1.60	1.1956	5.1488	6.3444	32.1694	3.2280	1.13602
1.80	1.1998	4.8151	6.0149	31.2849	3.4295	1.10794

T= 9700						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
2.00	1.2267	4.5414	5.7681	30.4535	3.6391	1.08459
2.20	1.2859	4.3194	5.6053	29.6544	3.8596	1.06513
2.40	1.3929	4.1432	5.5361	28.8636	4.0943	1.04989

T= 9800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	3.9667	51.6615	55.6282	125.6106	-4.8467	3.96723
-6.80	3.9483	51.3257	55.2740	123.4519	-4.6488	3.94901
-6.60	3.9206	50.8179	54.7385	121.1318	-4.4518	3.92147
-6.40	3.8798	50.0679	53.9476	118.5951	-4.2564	3.88078
-6.20	3.8214	48.9959	52.8173	115.7391	-4.0629	3.82260
-6.00	3.7416	47.5288	51.2704	112.5297	-3.8721	3.74298
-5.80	3.6391	45.6257	49.2638	108.9264	-3.6843	3.63969
-5.60	3.5118	43.3039	46.8157	104.9574	-3.4996	3.51365
-5.40	3.3675	40.6481	44.0156	100.7169	-3.3179	3.36947
-5.20	3.2125	37.7949	41.0074	96.3484	-3.1383	3.21457
-5.00	3.0553	34.8997	37.9549	92.0100	-2.9601	3.05737
-4.80	2.9034	32.1023	35.0057	87.8408	-2.7823	2.90548
-4.60	2.7625	29.5070	32.2695	83.9411	-2.6039	2.76454
-4.40	2.6360	27.1768	29.8129	80.3685	-2.4242	2.63801
-4.20	2.5254	25.1384	27.6638	77.1422	-2.2428	2.52731
-4.00	2.4307	23.3912	25.8219	74.2544	-2.0594	2.43241
-3.80	2.3507	21.9174	24.2682	71.6803	-1.8740	2.35236
-3.60	2.2842	20.6896	22.9738	69.3857	-1.6864	2.28564
-3.40	2.2292	19.6763	21.9055	67.3336	-1.4970	2.23056
-3.20	2.1841	18.8459	21.0300	65.4873	-1.3059	2.18537
-3.00	2.1473	18.1684	20.3157	63.8128	-1.1133	2.14845
-2.80	2.1173	17.6167	19.7340	62.2793	-0.9194	2.11828
-2.60	2.0926	17.1665	19.2591	60.8600	-0.7245	2.09351
-2.40	2.0721	16.7962	18.8683	59.5309	-0.5288	2.07290
-2.20	2.0546	16.4861	18.5406	58.2706	-0.3325	2.05528
-2.00	2.0388	16.2172	18.2561	57.0593	-0.1358	2.03944
-1.80	2.0236	15.9705	17.9941	55.8771	0.0609	2.02413
-1.60	2.0074	15.7249	17.7322	54.7033	0.2574	2.00783
-1.40	1.9884	15.4562	17.4446	53.5144	0.4533	1.98875
-1.20	1.9645	15.1367	17.1012	52.2945	0.6481	1.96471
-1.00	1.9332	14.7358	16.6690	50.9958	0.8411	1.93330
-0.80	1.8923	14.2248	16.1172	49.5935	1.0318	1.89222
-0.60	1.8403	13.5848	15.4251	48.0936	1.2197	1.83996
-0.40	1.7773	12.8150	14.5923	46.4904	1.4046	1.77654
-0.20	1.7052	11.9374	13.6425	44.8106	1.5866	1.70385
0.0	1.6275	10.9928	12.6202	43.0985	1.7663	1.62534
0.20	1.5485	10.0304	11.5789	41.4049	1.9447	1.54519
0.40	1.4722	9.0964	10.5686	39.7755	2.1228	1.46728
0.60	1.4021	8.2261	9.6281	38.2437	2.3016	1.39461
0.80	1.3403	7.4415	8.7817	36.8279	2.4820	1.32903
1.00	1.2883	6.7524	8.0407	35.5340	2.6648	1.27137
1.20	1.2474	6.1593	7.4067	34.3575	2.8508	1.22168
1.40	1.2186	5.6568	6.8755	33.2877	3.0407	1.17949
1.60	1.2040	5.2362	6.4401	32.3098	3.2354	1.14402
1.80	1.2067	4.8872	6.0939	31.4066	3.4364	1.11440
2.00	1.2323	4.6003	5.8327	30.5591	3.6456	1.08972
2.20	1.2905	4.3670	5.6575	29.7463	3.8656	1.06914
2.40	1.3965	4.1811	5.5776	28.9440	4.0999	1.05193

T= 9900						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	3.9721	51.3051	55.2772	125.7769	-4.8417	3.97265
-6.80	3.9567	51.0251	54.9818	123.6710	-4.6434	3.95732
-6.60	3.9331	50.5986	54.5317	121.4274	-4.4460	3.93396
-6.40	3.8981	49.9621	53.8602	118.9872	-4.2499	3.89909
-6.20	3.8473	49.0391	52.8864	116.2800	-4.0556	3.84851
-6.00	3.7765	47.7519	51.5294	113.2365	-3.8637	3.77797
-5.80	3.6827	46.0437	49.7264	109.8099	-3.6746	3.68435
-5.60	3.5653	43.9061	47.4714	106.0024	-3.4887	3.56718
-5.40	3.4275	41.3962	44.8237	101.8816	-3.3058	3.42958
-5.20	3.2759	38.6320	41.9078	97.5735	-3.1254	3.27804
-5.00	3.1185	35.7640	38.8826	93.2331	-2.9468	3.12080
-4.80	2.9637	32.9404	35.9041	89.0091	-2.7689	2.96598
-4.60	2.8178	30.2800	33.0978	85.0176	-2.5908	2.82009
-4.40	2.6853	27.8616	30.5469	81.3326	-2.4118	2.68747
-4.20	2.5682	25.7250	28.2932	77.9870	-2.2311	2.57030
-4.00	2.4671	23.8796	26.3467	74.9828	-2.0486	2.46908
-3.80	2.3814	22.3135	24.6949	72.3009	-1.8639	2.38318
-3.60	2.3096	21.0027	23.3123	69.9104	-1.6772	2.31126
-3.40	2.2501	19.9170	22.1671	67.7753	-1.4885	2.25166
-3.20	2.2013	19.0248	21.2261	65.8585	-1.2981	2.20266
-3.00	2.1613	18.2957	20.4570	64.1252	-1.1060	2.16256
-2.80	2.1287	17.7016	19.8302	62.5435	-0.9127	2.12979
-2.60	2.1019	17.2171	19.3190	61.0851	-0.7181	2.10293
-2.40	2.0798	16.8198	18.8996	59.7251	-0.5227	2.08070
-2.20	2.0611	16.4893	18.5503	58.4412	-0.3267	2.06187
-2.00	2.0445	16.2063	18.2508	57.2129	-0.1302	2.04526
-1.80	2.0290	15.9518	17.9808	56.0205	0.0665	2.02960
-1.60	2.0129	15.7054	17.7183	54.8433	0.2631	2.01344
-1.40	1.9946	15.4437	17.4384	53.6587	0.4591	1.99506
-1.20	1.9721	15.1400	17.1121	52.4415	0.6542	1.97237
-1.00	1.9428	14.7642	16.7071	51.1640	0.8477	1.94298
-0.80	1.9046	14.2868	16.1914	49.8002	1.0390	1.90451
-0.60	1.8555	13.6854	15.5409	48.3326	1.2277	1.85516
-0.40	1.7952	12.9537	14.7489	46.7598	1.4134	1.79448
-0.20	1.7252	12.1076	13.8328	45.1028	1.5961	1.72386
0.0	1.6485	11.1834	12.8319	43.4016	1.7763	1.64642
0.20	1.5695	10.2288	11.7983	41.7060	1.9550	1.56624
0.40	1.4924	9.2912	10.7835	40.0635	2.1331	1.48735
0.60	1.4206	8.4088	9.8294	38.5107	2.3117	1.41302
0.80	1.3567	7.6069	8.9637	37.0696	2.4917	1.34540
1.00	1.3027	6.8981	8.2008	35.7489	2.6741	1.28556
1.20	1.2596	6.2850	7.5447	34.5462	2.8595	1.23373
1.40	1.2290	5.7635	6.9924	33.4522	3.0488	1.18954
1.60	1.2126	5.3254	6.5380	32.4525	3.2429	1.15229
1.80	1.2138	4.9611	6.1749	31.5303	3.4434	1.12109
2.00	1.2382	4.6608	5.8990	30.6664	3.6520	1.09505
2.20	1.2952	4.4159	5.7111	29.9397	3.8716	1.07330
2.40	1.4002	4.2201	5.6203	29.0255	4.1054	1.05510

T= 10000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	3.9766	50.9385	54.9151	125.9243	-4.8369	3.97711
-6.80	3.9635	50.7047	54.6683	123.9620	-4.6383	3.96419
-6.60	3.9436	50.3465	54.2901	121.6827	-4.4405	3.94438

T= 10000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-6.40	3.9136	49.8071	53.7206	119.3336	-4.2438	3.91455
-6.20	3.8695	49.0150	52.8845	116.7488	-4.0487	3.87073
-6.00	3.8071	47.8918	51.6989	113.8572	-3.8558	3.80858
-5.80	3.7227	46.3698	50.0925	110.6005	-3.6655	3.72436
-5.60	3.6144	44.4187	48.0332	106.9591	-3.4784	3.61638
-5.40	3.4841	42.0685	45.5527	102.9736	-3.2943	3.48629
-5.20	3.3371	39.4145	42.7515	98.7483	-3.1130	3.33938
-5.00	3.1810	36.5970	39.7780	94.4298	-2.9338	3.18340
-4.80	3.0243	33.7675	36.7918	90.1716	-2.7558	3.02675
-4.60	2.8742	31.0574	33.9316	86.1033	-2.5779	2.87669
-4.40	2.7361	28.5608	31.2968	82.3154	-2.3993	2.73845
-4.20	2.6127	26.3317	28.9444	78.8553	-2.2193	2.61502
-4.00	2.5054	24.3902	26.8956	75.7360	-2.0375	2.50750
-3.80	2.4136	22.7319	25.1456	72.9456	-1.8537	2.41565
-3.60	2.3365	21.3367	23.6732	70.4572	-1.6678	2.33836
-3.40	2.2724	20.1766	22.4490	68.2363	-1.4799	2.27407
-3.20	2.2195	19.2205	21.4400	66.2464	-1.2901	2.22106
-3.00	2.1762	18.4375	20.6137	64.4516	-1.0987	2.17759
-2.80	2.1408	17.7988	19.9396	62.8191	-0.9058	2.14205
-2.60	2.1118	17.2780	19.3899	61.3194	-0.7117	2.11296
-2.40	2.0879	16.8519	18.9398	59.9264	-0.5167	2.08895
-2.20	2.0679	16.4992	18.5671	58.6169	-0.3209	2.06881
-2.00	2.0505	16.2004	18.2509	57.3699	-0.1245	2.05129
-1.80	2.0344	15.9363	17.9707	56.1652	0.0720	2.03514
-1.60	2.0184	15.6868	17.7052	54.9825	0.2686	2.01897
-1.40	2.0006	15.4296	17.4302	53.7998	0.4648	2.00110
-1.20	1.9792	15.1387	17.1179	52.5923	0.6601	1.97955
-1.00	1.9518	14.7849	16.7366	51.3331	0.8540	1.95196
-0.80	1.9159	14.3380	16.2539	49.9953	1.0460	1.91591
-0.60	1.8697	13.7732	15.6428	48.5583	1.2354	1.86936
-0.40	1.8122	13.0792	14.8914	47.0162	1.4218	1.81145
-0.20	1.7444	12.2659	14.0103	45.3836	1.6052	1.74306
0.0	1.6691	11.3646	13.0337	43.6961	1.7861	1.66694
0.20	1.5903	10.4207	12.0111	42.0017	1.9651	1.58700
0.40	1.5124	9.4823	10.9947	40.3490	2.1433	1.50736
0.60	1.4392	8.5901	10.0293	38.7773	2.3217	1.43154
0.80	1.3735	7.7725	9.1459	37.3124	2.5014	1.36199
1.00	1.3173	7.0449	8.3623	35.9657	2.6833	1.30002
1.20	1.2722	6.4123	7.6846	34.7373	2.8682	1.24607
1.40	1.2396	5.8719	7.1115	33.6190	3.0569	1.19987
1.60	1.2215	5.4165	6.6380	32.5975	3.2505	1.16080
1.80	1.2212	5.0366	6.2578	31.6560	3.4504	1.12800
2.00	1.2443	4.7228	5.9670	30.7754	3.6585	1.10056
2.20	1.3001	4.4662	5.7663	29.9345	3.8776	1.07761
2.40	1.4041	4.2604	5.6645	29.1083	4.1110	1.05839

T= 10100						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	3.9803	50.5657	54.5459	126.0563	-4.8322	3.98079
-6.80	3.9692	50.3701	54.3393	124.0301	-4.6334	3.96983
-6.60	3.9523	50.0689	54.0212	121.9046	-4.4352	3.95307
-6.40	3.9266	49.6120	53.5386	119.6331	-4.2381	3.92756
-6.20	3.8885	48.9338	52.8223	117.1549	-4.0423	3.88969
-6.00	3.8337	47.9578	51.7916	114.4001	-3.8485	3.83518

T= 10100						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.80	3.7582	46.6102	50.3683	111.3034	-3.6571	3.75989
-5.60	3.6592	44.8431	48.5023	107.8275	-3.4687	3.66116
-5.40	3.5370	42.6614	46.1984	103.9880	-3.2834	3.53925
-5.20	3.3956	40.1353	43.5310	99.8649	-3.1012	3.39807
-5.00	3.2421	37.3901	40.6321	95.5909	-2.9213	3.24464
-4.80	3.0847	34.5756	37.6602	91.3196	-2.7429	3.08732
-4.60	2.9313	31.8325	34.7638	87.1912	-2.5650	2.93397
-4.40	2.7881	29.2693	32.0574	83.3116	-2.3863	2.79069
-4.20	2.6588	26.9547	29.6135	79.7434	-2.2074	2.66129
-4.00	2.5452	24.9206	27.4658	76.5116	-2.0264	2.54756
-3.80	2.4475	23.1708	25.6183	73.6129	-1.8434	2.44971
-3.60	2.3649	21.6906	24.0555	71.0251	-1.6583	2.36692
-3.40	2.2959	20.4545	22.7504	68.7164	-1.4711	2.29777
-3.20	2.2388	19.4325	21.6713	66.6506	-1.2821	2.24056
-3.00	2.1920	18.5936	20.7856	64.7918	-1.0912	2.19356
-2.80	2.1537	17.9082	20.0619	63.1061	-0.8989	2.15509
-2.60	2.1223	17.3493	19.4716	61.5629	-0.7053	2.12361
-2.40	2.0966	16.8926	18.9891	60.1349	-0.5106	2.09772
-2.20	2.0751	16.5161	18.5912	58.7980	-0.3150	2.07611
-2.00	2.0566	16.1998	18.2564	57.5304	-0.1189	2.05756
-1.80	2.0400	15.9243	17.9643	56.3117	0.0775	2.04079
-1.60	2.0238	15.6698	17.6936	55.1215	0.2741	2.02445
-1.40	2.0064	15.4146	17.4210	53.9383	0.4703	2.00693
-1.20	1.9859	15.1338	17.1196	52.7380	0.6659	1.98631
-1.00	1.9600	14.7988	16.7588	51.4942	0.8602	1.96031
-0.80	1.9264	14.3795	16.3059	50.1796	1.0527	1.92647
-0.60	1.8829	13.8490	15.7318	48.7716	1.2427	1.88259
-0.40	1.8281	13.1919	15.0200	47.2596	1.4299	1.82744
-0.20	1.7627	12.4122	14.1749	45.6527	1.6141	1.76142
0.0	1.6889	11.5360	13.2250	43.9815	1.7955	1.68684
0.20	1.6107	10.6057	12.2164	42.2913	1.9749	1.60738
0.40	1.5323	9.6692	11.2015	40.6312	2.1533	1.52724
0.60	1.4578	8.7695	10.2273	39.0431	2.3316	1.45012
0.80	1.3904	7.9378	9.3282	37.5560	2.5110	1.37875
1.00	1.3322	7.1927	8.5249	36.1844	2.6925	1.31472
1.20	1.2851	6.5412	7.8263	34.9307	2.8768	1.25867
1.40	1.2505	5.9822	7.2328	33.7884	3.0650	1.21047
1.60	1.2307	5.5095	6.7402	32.7450	3.2581	1.16956
1.80	1.2288	5.1141	6.3429	31.7840	3.4574	1.13512
2.00	1.2505	4.7866	6.0371	30.8866	3.6650	1.10626
2.20	1.3052	4.5181	5.8233	30.0312	3.8836	1.08208
2.40	1.4081	4.3021	5.7102	29.1927	4.1165	1.06179

T= 10200						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	3.9833	50.1838	54.1721	126.1758	-4.8275	3.98384
-6.80	3.9740	50.0249	53.9989	124.1795	-4.6286	3.97461
-6.60	3.9595	49.7714	53.7310	122.0991	-4.4301	3.96034
-6.40	3.9375	49.3845	53.3220	119.8934	-4.2326	3.93853
-6.20	3.9047	48.8049	52.7095	117.5075	-4.0362	3.90586
-6.00	3.8568	47.9597	51.8165	114.8747	-3.8416	3.85822
-5.80	3.7895	46.7729	50.5624	111.9263	-3.6492	3.79128
-5.60	3.6996	45.1839	49.8835	109.6120	-3.4596	3.70167
-5.40	3.5861	43.1751	46.7612	104.9247	-3.2732	3.58835

T= 10200						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.20	3.4513	40.7912	44.2425	100.9196	-3.0898	3.45386
-5.00	3.3015	33.1382	41.4397	96.7112	-2.9091	3.30418
-4.80	3.1446	35.3594	38.5039	92.4480	-2.7302	3.14738
-4.60	2.9889	32.6009	35.5898	88.2774	-2.5523	2.99172
-4.40	2.8412	29.9842	32.8254	84.3184	-2.3743	2.84403
-4.20	2.7053	27.5923	30.2986	80.6497	-2.1954	2.70903
-4.00	2.5866	25.4698	28.0564	77.3091	-2.0151	2.58923
-3.80	2.4829	23.6301	26.1130	74.3027	-1.8329	2.48538
-3.60	2.3947	22.0645	24.4592	71.6146	-1.6485	2.39699
-3.40	2.3207	20.7511	23.0718	69.2159	-1.4622	2.32281
-3.20	2.2593	19.6613	21.9206	67.0720	-1.2738	2.26124
-3.00	2.2088	18.7644	20.9732	65.1467	-1.0836	2.21052
-2.80	2.1674	18.0304	20.1978	63.4054	-0.8919	2.16896
-2.60	2.1335	17.4315	19.5650	61.8164	-0.6987	2.13495
-2.40	2.1057	16.9425	19.0482	60.3515	-0.5044	2.10702
-2.20	2.0827	16.5406	18.6233	58.9854	-0.3092	2.08385
-2.00	2.0631	16.2054	18.2685	57.6956	-0.1133	2.06415
-1.80	2.0457	15.9172	17.9629	56.4614	0.0830	2.04566
-1.60	2.0293	15.6563	17.6856	55.2622	0.2795	2.03005
-1.40	2.0121	15.4017	17.4138	54.0769	0.4758	2.01277
-1.20	1.9925	15.1293	17.1218	52.8824	0.6716	1.99296
-1.00	1.9691	14.8117	16.7798	51.6526	0.8662	1.96845
-0.80	1.9367	14.4190	16.3557	50.3604	1.0593	1.93677
-0.60	1.8958	13.9229	15.8187	48.9814	1.2500	1.89558
-0.40	1.8440	13.3041	15.1481	47.5011	1.4379	1.84333
-0.20	1.7812	12.5611	14.3423	45.9230	1.6229	1.77993
0.0	1.7093	11.7140	13.4233	44.2718	1.8050	1.70720
0.20	1.6319	10.8014	12.4333	42.5898	1.9849	1.62855
0.40	1.5533	9.8705	11.4238	40.9255	2.1634	1.54813
0.60	1.4776	8.9659	10.4435	39.3231	2.3418	1.46984
0.80	1.4084	8.1217	9.5302	37.8147	2.5209	1.39669
1.00	1.3482	7.3596	8.7079	36.4182	2.7020	1.33056
1.20	1.2990	6.6893	7.9883	35.1387	2.8858	1.27231
1.40	1.2624	6.1113	7.3737	33.9715	3.0734	1.22198
1.60	1.2407	5.6207	6.8613	32.9051	3.2659	1.17911
1.80	1.2371	5.2090	6.4461	31.9236	3.4646	1.14291
2.00	1.2574	4.8670	6.1244	31.0083	3.6717	1.11250
2.20	1.3108	4.5859	5.8967	30.1373	3.8897	1.08697
2.40	1.4126	4.3590	5.7716	29.2857	4.1222	1.06552

T= 10300						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	3.9859	49.3101	53.7960	126.2848	-4.8230	3.98636
-6.80	3.9779	49.6724	53.6503	124.3133	-4.6239	3.97854
-6.60	3.9656	49.4588	53.4244	122.2703	-4.4252	3.96640
-6.40	3.9468	49.1309	53.0777	120.1202	-4.2273	3.94775
-6.20	3.9184	48.6358	52.5541	117.8136	-4.0304	3.91959
-6.00	3.8766	47.9058	51.7824	115.2883	-3.8351	3.87806
-5.80	3.8171	46.8651	50.6822	112.4752	-3.6418	3.81882
-5.60	3.7359	45.4449	49.1808	109.3150	-3.4512	3.73797
-5.40	3.6311	43.6090	47.2401	105.7818	-3.2635	3.63344
-5.20	3.5037	41.3773	44.9810	101.9065	-3.0790	3.50636
-5.00	3.3537	38.8339	42.1925	97.7823	-2.8974	3.36151
-4.80	3.2034	36.1106	39.3140	93.5478	-2.7179	3.20640

T= 10300						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-4.60	3.0464	33.3551	36.4015	89.3533	-2.5398	3.04944
-4.40	2.8951	30.6990	33.5941	85.3291	-2.3619	2.89812
-4.20	2.7550	28.2394	30.9944	81.5690	-2.1834	2.75799
-4.00	2.6295	26.0341	28.6637	78.1246	-2.0037	2.63235
-3.80	2.5198	24.1071	26.6269	75.0124	-1.8222	2.52254
-3.60	2.4260	22.4566	24.8825	72.2238	-1.6387	2.42848
-3.40	2.3468	21.0650	23.4118	69.7338	-1.4531	2.34915
-3.20	2.2809	19.9059	22.1869	67.5096	-1.2654	2.28305
-3.00	2.2265	18.9493	21.1758	65.5155	-1.0759	2.22846
-2.80	2.1819	18.1649	20.3467	63.7164	-0.8847	2.18364
-2.60	2.1453	17.5241	19.6694	62.0795	-0.6921	2.14695
-2.40	2.1154	17.0010	19.1164	60.5756	-0.4982	2.11685
-2.20	2.0907	16.5721	18.6628	59.1784	-0.3033	2.09197
-2.00	2.0698	16.2162	18.2860	57.8646	-0.1076	2.07099
-1.80	2.0516	15.9133	17.9650	56.6128	0.0885	2.05265
-1.60	2.0347	15.6439	17.6786	55.4024	0.2849	2.03560
-1.40	2.0176	15.3871	17.4046	54.2125	0.4813	2.01834
-1.20	1.9985	15.1198	17.1183	53.0204	0.6771	1.99911
-1.00	1.9754	14.8153	16.7907	51.8007	0.8721	1.97577
-0.80	1.9457	14.4443	16.3901	50.5266	1.0655	1.94591
-0.60	1.9072	13.9776	15.8849	49.1723	1.2568	1.90710
-0.40	1.8581	13.3931	15.2512	47.7204	1.4455	1.85751
-0.20	1.7978	12.6842	14.4821	46.1692	1.6312	1.79663
0.0	1.7279	11.8655	13.5934	44.5383	1.8140	1.72583
0.20	1.6515	10.9715	12.6230	42.8660	1.9943	1.64818
0.40	1.5729	10.0479	11.6208	41.2000	2.1731	1.56773
0.60	1.4964	9.1403	10.6368	39.5859	2.3515	1.48853
0.80	1.4257	8.2857	9.7114	38.0587	2.5305	1.41383
1.00	1.3637	7.5083	8.8720	36.6394	2.7111	1.34580
1.20	1.3124	6.8204	8.1328	35.3357	2.8945	1.28550
1.40	1.2739	6.2245	7.4984	34.1448	3.0816	1.23316
1.60	1.2504	5.7167	6.9671	33.0564	3.2735	1.18841
1.80	1.2453	5.2893	6.5346	32.0552	3.4717	1.15051
2.00	1.2642	4.9333	6.1974	31.1224	3.6782	1.11860
2.20	1.3163	4.6399	5.9563	30.2364	3.8958	1.09177
2.40	1.4170	4.4025	5.8195	29.3718	4.1278	1.06920

T= 10400						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	3.9880	49.4314	53.4194	126.3856	-4.8186	3.98846
-6.80	3.9812	49.3155	53.2967	124.4346	-4.6193	3.98182
-6.60	3.9707	49.1351	53.1058	122.4231	-4.4205	3.97148
-6.40	3.9546	48.8571	52.8116	120.3199	-4.2223	3.95552
-6.20	3.9301	48.4343	52.3644	118.0813	-4.0250	3.93126
-6.00	3.8937	47.8051	51.6987	115.6500	-3.8290	3.89512
-5.80	3.8411	46.8958	50.7369	112.9590	-3.6349	3.84289
-5.60	3.7683	45.6333	49.4015	109.9435	-3.4432	3.77036
-5.40	3.6722	43.9068	47.6390	106.5628	-3.2544	3.67460
-5.20	3.5527	41.8936	45.4464	102.8252	-3.0688	3.55545
-5.00	3.4134	39.4743	42.8878	98.8012	-2.8862	3.41639
-4.80	3.2609	36.8253	40.0863	94.6150	-2.7060	3.26411
-4.60	3.1036	34.0910	37.1947	90.4151	-2.5275	3.10691
-4.40	2.9495	31.4106	34.3601	86.3408	-2.3496	2.95278
-4.20	2.8048	28.8940	31.6989	82.4996	-2.1715	2.80807

T= 10400						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-4.00	2.6738	26.6126	29.2863	78.9573	-1.9922	2.67687
-3.80	2.5582	24.6013	27.1596	75.7420	-1.8114	2.56120
-3.60	2.4587	22.8669	25.3256	72.8531	-1.6287	2.46143
-3.40	2.3743	21.3968	23.7710	70.2706	-1.4438	2.37684
-3.20	2.3037	20.1671	22.4707	67.9643	-1.2569	2.30607
-3.00	2.2453	19.1489	21.3942	65.8992	-1.0681	2.24744
-2.80	2.1972	18.3122	20.5094	64.0399	-0.8775	2.19920
-2.60	2.1579	17.6278	19.7856	62.3530	-0.6853	2.15967
-2.40	2.1256	17.0689	19.1946	60.8081	-0.4919	2.12727
-2.20	2.0991	16.6114	18.7105	59.3779	-0.2973	2.10055
-2.00	2.0769	16.2333	18.3101	58.0394	-0.1020	2.07817
-1.80	2.0577	15.9142	17.9719	56.7674	0.0940	2.05884
-1.60	2.0402	15.6345	17.6747	55.5441	0.2903	2.04123
-1.40	2.0230	15.3736	17.3966	54.3477	0.4866	2.02386
-1.20	2.0043	15.1091	17.1134	53.1558	0.6826	2.00503
-1.00	1.9822	14.8153	16.7975	51.9438	0.8778	1.98268
-0.80	1.9542	14.4632	16.4174	50.6851	1.0716	1.95443
-0.60	1.9179	14.0233	15.9412	49.3532	1.2635	1.91782
-0.40	1.8713	13.4712	15.3425	47.9282	1.4528	1.87079
-0.20	1.8136	12.7958	14.6094	46.4039	1.6392	1.81245
0.0	1.7458	12.0064	13.7522	44.7946	1.8226	1.74370
0.20	1.6706	11.1330	12.8036	43.1343	2.0035	1.66726
0.40	1.5922	10.2191	11.8114	41.4691	2.1826	1.58702
0.60	1.5151	9.3110	10.8261	39.8457	2.3611	1.50711
0.80	1.4430	8.4477	9.8907	38.3016	2.5399	1.43102
1.00	1.3792	7.6564	9.0356	36.8608	2.7203	1.36117
1.20	1.3261	6.9518	8.2779	35.5338	2.9032	1.29889
1.40	1.2857	6.3385	7.6242	34.3196	3.0898	1.24456
1.60	1.2604	5.8138	7.0742	33.2093	3.2811	1.19792
1.80	1.2536	5.3708	6.6244	32.1882	3.4788	1.15831
2.00	1.2711	5.0008	6.2718	31.2379	3.6848	1.12488
2.20	1.3220	4.6951	6.0171	30.3367	3.9019	1.09671
2.40	1.4215	4.4469	5.8684	29.4591	4.1334	1.07298

T= 10500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	3.9897	49.0540	53.0437	126.4794	-4.8143	3.99022
-6.80	3.9839	48.9561	52.9400	124.5454	-4.6149	3.98456
-6.60	3.9750	48.8035	52.7785	122.5600	-4.4159	3.97573
-6.40	3.9611	48.5674	52.5285	120.4963	-4.2174	3.96207
-6.20	3.9400	48.2064	52.1463	118.3157	-4.0197	3.94116
-6.00	3.9083	47.6645	51.5728	115.9662	-3.8232	3.90976
-5.80	3.8621	46.8721	50.7342	113.3840	-3.6284	3.86384
-5.60	3.7969	45.7548	49.5518	110.5023	-3.4358	3.79906
-5.40	3.7094	44.2512	47.9606	107.2694	-3.2459	3.71186
-5.20	3.5982	42.3390	45.9371	103.6736	-3.0591	3.60096
-5.00	3.4654	40.0549	43.5203	99.7624	-2.8755	3.46847
-4.80	3.3167	37.4957	40.8137	95.6422	-2.6945	3.32006
-4.60	3.1602	34.8019	37.9621	91.4556	-2.5155	3.16369
-4.40	3.0041	32.1129	35.1171	87.3471	-2.3375	3.00765
-4.20	2.8555	29.5512	32.4067	83.4365	-2.1595	2.85898
-4.00	2.7192	27.2013	29.9205	79.8035	-1.9808	2.72260
-3.80	2.5980	25.1103	27.7083	76.4888	-1.8006	2.60123
-3.60	2.4927	23.2937	25.7864	73.5007	-1.6185	2.49577

T= 10500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-3.40	2.4030	21.7449	24.1479	70.8252	-1.4345	2.40594
-3.20	2.3276	20.4437	22.7714	68.4353	-1.2483	2.33026
-3.00	2.2650	19.3627	21.6277	66.2972	-1.0601	2.26744
-2.80	2.2134	18.4720	20.6954	64.3756	-0.8701	2.21564
-2.60	2.1711	17.7422	19.9134	62.6367	-0.6785	2.17312
-2.40	2.1365	17.1460	19.2825	61.0489	-0.4855	2.13828
-2.20	2.1080	16.6583	18.7663	59.5841	-0.2913	2.10960
-2.00	2.0843	16.2565	18.3408	58.2171	-0.0963	2.08571
-1.80	2.0640	15.9198	17.9838	56.9254	0.0995	2.06528
-1.60	2.0458	15.6283	17.6741	55.6876	0.2957	2.04698
-1.40	2.0284	15.3617	17.3901	54.4828	0.4919	2.02937
-1.20	2.0100	15.0980	17.1080	53.2891	0.6880	2.01078
-1.00	1.9887	14.8123	16.8009	52.0826	0.8833	1.98923
-0.80	1.9621	14.4764	16.4385	50.8368	1.0775	1.96241
-0.60	1.9278	14.0608	15.9886	49.5250	1.2699	1.92781
-0.40	1.8837	13.5390	15.4227	48.1252	1.4598	1.88323
-0.20	1.8285	12.8964	14.7249	46.6273	1.6469	1.82742
0.0	1.7629	12.1368	13.8997	45.0404	1.8310	1.76082
0.20	1.6891	11.2856	12.9748	43.3941	2.0124	1.68577
0.40	1.6112	10.3838	11.9950	41.7321	2.1919	1.60595
0.60	1.5336	9.4774	11.0110	40.1017	2.3705	1.52554
0.80	1.4603	8.6074	10.0677	38.5425	2.5492	1.44822
1.00	1.3949	7.8036	9.1985	37.0815	2.7293	1.37667
1.20	1.3399	7.0833	8.4232	35.7319	2.9119	1.31245
1.40	1.2976	6.4531	7.7508	34.4949	3.0979	1.25615
1.60	1.2705	5.9118	7.1823	33.3628	3.2888	1.20763
1.80	1.2622	5.4533	6.7154	32.3219	3.4859	1.16629
2.00	1.2782	5.0692	6.3474	31.3539	3.6914	1.13131
2.20	1.3278	4.7511	6.0789	30.4373	3.9079	1.10179
2.40	1.4262	4.4921	5.9183	29.5464	4.1390	1.07688

T= 10600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	3.9912	48.6788	52.6700	126.5674	-4.8100	3.99168
-6.80	3.9862	48.5959	52.5822	124.6476	-4.6105	3.98685
-6.60	3.9785	48.4666	52.4451	122.6841	-4.4114	3.97931
-6.40	3.9666	48.2657	52.2324	120.6537	-4.2127	3.96758
-6.20	3.9484	47.9573	51.9057	118.5224	-4.0147	3.94956
-6.00	3.9208	47.4909	51.4117	116.2436	-3.8177	3.92229
-5.80	3.8802	46.8019	50.6822	113.7578	-3.6222	3.88200
-5.60	3.8222	45.8167	49.6390	110.9983	-3.4288	3.82437
-5.40	3.7429	44.4673	48.2102	107.9060	-3.2379	3.74541
-5.20	3.6400	42.7149	46.3549	104.4528	-3.0500	3.64286
-5.00	3.5143	40.5741	44.0884	100.6637	-2.8652	3.51754
-4.80	3.3705	38.1216	41.4921	96.6254	-2.6834	3.37397
-4.60	3.2158	35.4830	38.6989	92.4699	-2.5038	3.21948
-4.40	3.0587	32.8016	35.8604	88.3438	-2.3255	3.06247
-4.20	2.9068	30.2075	33.1143	84.3760	-2.1477	2.91053
-4.00	2.7657	27.7979	30.5637	80.6608	-1.9693	2.76941
-3.80	2.6390	25.6323	28.2713	77.2512	-1.7896	2.64255
-3.60	2.5291	23.7359	26.2641	74.1658	-1.6083	2.53146
-3.40	2.4330	22.1092	24.5422	71.3973	-1.4249	2.43614
-3.20	2.3528	20.7358	23.0886	68.9225	-1.2395	2.35565
-3.00	2.2858	19.5906	21.8764	66.7097	-1.0520	2.28950

T= 10600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-2.80	2.2305	13.6444	20.8749	64.7239	-0.8627	2.23297
-2.60	2.1851	17.8677	20.0528	62.9309	-0.6716	2.18733
-2.40	2.1479	17.2326	19.3805	61.2983	-0.4791	2.14991
-2.20	2.1173	16.7132	18.8306	59.7971	-0.2853	2.11915
-2.00	2.0920	16.2864	18.3784	58.4012	-0.0905	2.09363
-1.80	2.0706	15.9306	18.0012	57.0871	0.1050	2.07200
-1.60	2.0516	15.6259	17.6775	55.8333	0.3010	2.05290
-1.40	2.0338	15.3519	17.3857	54.6186	0.4972	2.03492
-1.20	2.0155	15.0872	17.1027	53.4214	0.6933	2.01644
-1.00	1.9949	14.8076	16.8024	52.2182	0.8888	1.99554
-0.80	1.9695	14.4856	16.4552	50.9832	1.0833	1.96996
-0.60	1.9372	14.0918	16.0290	49.6896	1.2761	1.93722
-0.40	1.8954	13.5987	15.4940	48.3135	1.4666	1.89497
-0.20	1.8427	12.9879	14.8306	46.8416	1.6544	1.84167
0.0	1.7793	12.2587	14.0380	45.2780	1.8392	1.77732
0.20	1.7072	11.4313	13.1385	43.6475	2.0212	1.70384
0.40	1.6299	10.5436	12.1736	41.9913	2.2011	1.62466
0.60	1.5520	9.6411	11.1932	40.3562	2.3798	1.54395
0.80	1.4778	8.7662	10.2440	38.7838	2.5585	1.46555
1.00	1.4108	7.9511	9.3620	37.3040	2.7384	1.39240
1.20	1.3540	7.2160	8.5700	35.9327	2.9205	1.32630
1.40	1.3099	6.5694	7.8793	34.6732	3.1061	1.26805
1.60	1.2810	6.0116	7.2926	33.5195	3.2964	1.21763
1.80	1.2710	5.5375	6.8085	32.4586	3.4930	1.17453
2.00	1.2855	5.1393	6.4248	31.4728	3.6980	1.13797
2.20	1.3339	4.8086	6.1425	30.5405	3.9140	1.10706
2.40	1.4310	4.5386	5.9696	29.6361	4.1446	1.08093

T= 10700						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	3.9924	48.3067	52.2991	126.6507	-4.8058	3.99291
-6.80	3.9892	48.2364	52.2246	124.7427	-4.6062	3.98878
-6.60	3.9816	48.1264	52.1080	122.7976	-4.4070	3.98231
-6.40	3.9713	47.9554	51.9267	120.7950	-4.2081	3.97224
-6.20	3.9555	47.6915	51.6471	118.7058	-4.0098	3.95669
-6.00	3.9316	47.2902	51.2217	116.4879	-3.8124	3.93302
-5.80	3.8960	46.6919	50.5879	114.0868	-3.6164	3.89772
-5.60	3.8445	45.8258	49.6703	111.4377	-3.4222	3.84661
-5.40	3.7729	44.6203	48.3932	108.4773	-3.2303	3.77544
-5.20	3.6782	43.0239	46.7022	105.1644	-3.0414	3.68118
-5.00	3.5602	41.0307	44.5909	101.5036	-2.8555	3.56346
-4.80	3.4219	38.6959	42.1178	97.5603	-2.6727	3.42555
-4.60	3.2701	36.1297	39.3998	93.4529	-2.4925	3.27394
-4.40	3.1129	33.4719	36.5848	89.3252	-2.3138	3.11691
-4.20	2.9585	30.8588	33.8172	85.3140	-2.1359	2.96248
-4.00	2.8132	28.3993	31.2124	81.5259	-1.9578	2.81712
-3.80	2.6812	26.1650	28.8463	78.0272	-1.7787	2.68507
-3.60	2.5648	24.1922	26.7570	74.8470	-1.5980	2.56845
-3.40	2.4643	22.4885	24.9528	71.9860	-1.4153	2.46772
-3.20	2.3790	21.0428	23.4218	69.4256	-1.2306	2.38222
-3.00	2.3077	19.8323	22.1400	67.1365	-1.0438	2.31061
-2.80	2.2485	18.8292	21.0778	65.0848	-0.8551	2.25122
-2.60	2.1999	18.0041	20.2040	63.2357	-0.6646	2.20232
-2.40	2.1600	17.3285	19.4885	61.5566	-0.4726	2.16218

T= 10700						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-2.20	2.1272	16.7761	18.9033	60.0172	-0.2792	2.12922
-2.00	2.1002	16.3228	18.4229	58.5907	-0.0848	2.10196
-1.80	2.0774	15.9467	18.0241	57.2528	0.1105	2.07900
-1.60	2.0576	15.6273	17.6849	55.9814	0.3063	2.05900
-1.40	2.0393	15.3445	17.3838	54.7553	0.5025	2.04053
-1.20	2.0210	15.0770	17.0980	53.5528	0.6985	2.02201
-1.00	2.0008	14.8014	16.8022	52.3510	0.8942	2.00160
-0.80	1.9766	14.4909	16.4675	51.1246	1.0889	1.97710
-0.60	1.9459	14.1165	16.0624	49.8467	1.2821	1.94603
-0.40	1.9063	13.6497	15.5560	48.4925	1.4732	1.90597
-0.20	1.8561	13.0695	14.9256	47.0455	1.6616	1.85511
0.0	1.7950	12.3705	14.1655	45.5053	1.8470	1.79306
0.20	1.7246	11.5680	13.2927	43.8922	2.0297	1.72128
0.40	1.6482	10.6964	12.3447	42.2437	2.2100	1.64295
0.60	1.5703	9.7999	11.3702	40.6061	2.3890	1.56214
0.80	1.4952	8.9220	10.4172	39.0225	2.5677	1.48283
1.00	1.4268	8.0973	9.5242	37.5253	2.7473	1.40819
1.20	1.3693	7.3484	8.7167	36.1331	2.9292	1.34030
1.40	1.3223	6.6860	8.0083	34.8518	3.1143	1.28012
1.60	1.2916	6.1122	7.4038	33.6767	3.3041	1.22781
1.80	1.2800	5.6227	6.9027	32.5958	3.5002	1.18295
2.00	1.2931	5.2103	6.5034	31.5920	3.7046	1.14480
2.20	1.3401	4.8670	6.2071	30.6439	3.9201	1.11246
2.40	1.4361	4.5859	6.0219	29.7258	4.1502	1.08510

T= 10800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	3.9935	47.9383	51.9318	126.7301	-4.8016	3.99394
-6.80	3.9898	47.8784	51.8682	124.8319	-4.6020	3.99040
-6.60	3.9841	47.7848	51.7689	122.9020	-4.4026	3.98484
-6.40	3.9752	47.6388	51.6140	120.9232	-4.2036	3.97618
-6.20	3.9616	47.4128	51.3744	118.8695	-4.0051	3.96275
-6.00	3.9408	47.0673	51.0081	116.7041	-3.8074	3.94220
-5.80	3.9096	46.5483	50.4579	114.3770	-3.6108	3.91131
-5.60	3.8640	45.7887	49.6526	111.8268	-3.4159	3.86609
-5.40	3.7996	44.7158	48.5155	108.9886	-3.2232	3.80219
-5.20	3.7130	43.2693	46.9824	105.8113	-3.0332	3.71602
-5.00	3.6028	41.4253	45.0281	102.2819	-2.8463	3.60615
-4.80	3.4708	39.2173	42.6881	98.4442	-2.6625	3.47456
-4.60	3.3227	36.7379	40.0606	94.4001	-2.4815	3.32678
-4.40	3.1665	34.1194	37.2858	90.2872	-2.3024	3.17068
-4.20	3.0103	31.5012	34.5115	86.2465	-2.1244	3.01457
-4.00	2.8613	29.0023	31.8636	82.3959	-1.9464	2.86556
-3.80	2.7245	26.7065	29.4310	78.8145	-1.7677	2.72866
-3.60	2.6027	24.6610	27.2637	75.5430	-1.5875	2.60666
-3.40	2.4968	22.8821	25.3789	72.5906	-1.4056	2.50054
-3.20	2.4065	21.3641	23.7706	69.9442	-1.2216	2.40997
-3.00	2.3306	20.0878	22.4183	67.5776	-1.0355	2.33379
-2.80	2.2674	19.0266	21.2941	65.4582	-0.8474	2.27041
-2.60	2.2154	18.1516	20.3670	63.5514	-0.6575	2.21810
-2.40	2.1727	17.4341	19.6068	61.8238	-0.4660	2.17512
-2.20	2.1376	16.8471	18.9847	60.2446	-0.2730	2.13983
-2.00	2.1087	16.3660	18.4747	58.7860	-0.0790	2.11071
-1.80	2.0845	15.9682	18.0528	57.4228	0.1160	2.08633

T= 10800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-1.60	2.0637	15.6329	17.6967	56.1324	0.3117	2.06530
-1.40	2.0449	15.3398	17.3847	54.8933	0.5077	2.04623
-1.20	2.0264	15.0679	17.0943	53.6840	0.7037	2.02755
-1.00	2.0066	14.7943	16.8009	52.4817	0.8995	2.00748
-0.80	1.9833	14.4932	16.4764	51.2616	1.0944	1.98388
-0.60	1.9541	14.1357	16.0898	49.9973	1.2880	1.95431
-0.40	1.9165	13.6930	15.6095	48.6630	1.4795	1.91628
-0.20	1.8687	13.1418	15.0105	47.2398	1.6686	1.86778
0.0	1.8099	12.4726	14.2825	45.7231	1.8547	1.80803
0.20	1.7414	11.6959	13.4373	44.1284	2.0379	1.73809
0.40	1.6661	10.8420	12.5081	42.4897	2.2187	1.66078
0.60	1.5883	9.9535	11.5418	40.8519	2.3979	1.58006
0.80	1.5125	9.0745	10.5870	39.2591	2.5767	1.50001
1.00	1.4428	8.2417	9.6845	37.7461	2.7562	1.42402
1.20	1.3827	7.4800	8.8627	36.3343	2.9377	1.35440
1.40	1.3349	6.8027	8.1376	35.0317	3.1225	1.29235
1.60	1.3025	6.2132	7.5157	33.8356	3.3118	1.23817
1.80	1.2892	5.7085	6.9977	32.7350	3.5073	1.19155
2.00	1.3008	5.2821	6.5829	31.7133	3.7112	1.15177
2.20	1.3465	4.9261	6.2726	30.7493	3.9262	1.11800
2.40	1.4412	4.6338	6.0751	29.8174	4.1558	1.08937

T= 10900						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	3.9943	47.5741	51.5684	126.8059	-4.7975	3.99481
-6.80	3.9912	47.5229	51.5141	124.9159	-4.5979	3.99177
-6.60	3.9862	47.4429	51.4291	122.9989	-4.3984	3.98699
-6.40	3.9786	47.3180	51.2966	121.0400	-4.1992	3.97951
-6.20	3.9668	47.1242	51.0910	119.0165	-4.0005	3.96790
-6.00	3.9436	46.8266	50.7752	116.8960	-3.8025	3.95004
-5.80	3.9213	46.3764	50.2977	114.6333	-3.6055	3.92303
-5.60	3.8809	45.7113	49.5922	112.1710	-3.4100	3.88308
-5.40	3.8233	44.7595	48.5828	109.4445	-3.2165	3.82591
-5.20	3.7445	43.4547	47.1992	106.3963	-3.0256	3.74750
-5.00	3.6421	41.7585	45.4006	102.9983	-2.8376	3.64555
-4.80	3.5169	39.6835	43.2005	99.2741	-2.6528	3.52080
-4.60	3.3735	37.3033	40.6768	95.3067	-2.4709	3.37768
-4.40	3.2190	34.7390	37.9580	91.2241	-2.2912	3.22346
-4.20	3.0620	32.1298	35.1918	87.1687	-2.1130	3.06653
-4.00	2.9099	29.6028	32.5127	83.2665	-1.9351	2.91449
-3.80	2.7687	27.2534	30.0220	79.6100	-1.7567	2.77314
-3.60	2.6417	25.1400	27.7817	76.2515	-1.5771	2.64598
-3.40	2.5305	23.2883	25.8187	73.2095	-1.3958	2.53454
-3.20	2.4351	21.6988	24.1338	70.4772	-1.2125	2.43886
-3.00	2.3545	20.3561	22.7106	68.0323	-1.0271	2.35801
-2.80	2.2873	19.2359	21.5231	65.8437	-0.8397	2.29052
-2.60	2.2317	18.3098	20.5415	63.8775	-0.6503	2.23468
-2.40	2.1860	17.5490	19.7350	62.0999	-0.4593	2.18873
-2.20	2.1485	16.9262	19.0747	60.4793	-0.2668	2.15099
-2.00	2.1177	16.4160	18.5337	58.9870	-0.0731	2.11990
-1.80	2.0920	15.9953	18.0873	57.5972	0.1216	2.09398
-1.60	2.0701	15.6428	17.7129	56.2865	0.3170	2.07184
-1.40	2.0505	15.3381	17.3886	55.0330	0.5129	2.05206
-1.20	2.0318	15.0603	17.0921	53.8152	0.7089	2.03311

T= 10900						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-1.00	2.0122	14.7872	16.7994	52.6108	0.9047	2.01324
-0.80	1.9896	14.4933	16.4830	51.3954	1.0998	1.99039
-0.60	1.9618	14.1507	16.1125	50.1427	1.2937	1.96216
-0.40	1.9262	13.7302	15.6564	48.8266	1.4857	1.92603
-0.20	1.8807	13.2066	15.0873	47.4260	1.6753	1.87981
0.0	1.8242	12.5668	14.3911	45.9328	1.8621	1.82240
0.20	1.7577	11.8166	13.5743	44.3575	2.0460	1.75439
0.40	1.6836	10.9821	12.6656	42.7304	2.2273	1.67828
0.60	1.6061	10.1035	11.7097	41.0943	2.4068	1.59786
0.80	1.5298	9.2253	10.7551	39.4942	2.5857	1.51724
1.00	1.4590	8.3858	9.8448	37.9668	2.7651	1.44002
1.20	1.3973	7.6124	9.0097	36.5362	2.9463	1.36875
1.40	1.3478	6.9207	8.2685	35.2129	3.1306	1.30485
1.60	1.3136	6.3158	7.6294	33.9959	3.3195	1.24881
1.80	1.2987	5.7960	7.0947	32.8754	3.5145	1.20039
2.00	1.3088	5.3555	6.6642	31.9356	3.7179	1.15898
2.20	1.3531	4.9867	6.3398	30.9555	3.9324	1.12373
2.40	1.4466	4.6831	6.1297	29.9095	4.1614	1.09380

T= 11000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	3.9951	47.2144	51.2095	126.8789	-4.7935	3.99555
-6.80	3.9923	47.1705	51.1628	124.9958	-4.5938	3.99292
-6.60	3.9881	47.1019	51.0900	123.0896	-4.3942	3.98880
-6.40	3.9814	46.9948	50.9763	121.1474	-4.1950	3.98234
-6.20	3.9711	46.8283	50.7995	119.1496	-3.9961	3.97228
-6.00	3.9553	46.5717	50.5270	117.0675	-3.7978	3.95676
-5.80	3.9314	46.1813	50.1127	114.8607	-3.6005	3.93313
-5.60	3.8958	45.5995	49.4953	112.4761	-3.4044	3.89789
-5.40	3.8443	44.7573	48.6016	109.8510	-3.2102	3.84687
-5.20	3.7728	43.5851	47.3579	106.9241	-3.0183	3.77582
-5.00	3.6782	42.0329	45.7111	103.6553	-2.8294	3.68171
-4.80	3.5602	40.0947	43.6549	100.0496	-2.6435	3.56418
-4.60	3.4221	37.8239	41.2459	96.1703	-2.4607	3.42644
-4.40	3.2703	35.3275	38.5979	92.1326	-2.2804	3.27500
-4.20	3.1133	32.7414	35.8547	88.0765	-2.1018	3.11309
-4.00	2.9589	30.1981	33.1570	84.1348	-1.9239	2.96373
-3.80	2.8136	27.8036	30.6172	80.4116	-1.7457	2.81841
-3.60	2.6817	25.6279	28.3096	76.9712	-1.5666	2.68635
-3.40	2.5653	23.7062	26.2715	73.8420	-1.3859	2.56968
-3.20	2.4647	22.0462	24.5110	71.0244	-1.2032	2.46888
-3.00	2.3794	20.6372	23.0166	68.5005	-1.0185	2.38329
-2.80	2.3080	19.4570	21.7651	66.2415	-0.8318	2.31157
-2.60	2.2488	18.4787	20.7275	64.2144	-0.6430	2.25207
-2.40	2.2000	17.6734	19.8735	62.3851	-0.4526	2.20302
-2.20	2.1600	17.0134	19.1734	60.7215	-0.2605	2.16272
-2.00	2.1271	16.4729	18.6000	59.1940	-0.0672	2.12955
-1.80	2.0998	16.0281	18.1279	57.7761	0.1272	2.10199
-1.60	2.0767	15.6572	17.7339	56.4437	0.3224	2.07863
-1.40	2.0563	15.3396	17.3959	55.1746	0.5181	2.05803
-1.20	2.0372	15.0546	17.0918	53.9470	0.7140	2.03869
-1.00	2.0177	14.7801	16.7978	52.7388	0.9098	2.01890
-0.80	1.9958	14.4917	16.4874	51.5261	1.1051	1.99664
-0.60	1.9691	14.1617	16.1308	50.2830	1.2993	1.96959

T= 11000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-0.40	1.9352	13.7611	15.6964	48.9830	1.4917	1.93520
-0.20	1.8919	13.2634	15.1553	47.6037	1.6819	1.89115
0.0	1.8378	12.6522	14.4900	46.1333	1.8693	1.83603
0.20	1.7733	11.9287	13.7020	44.5780	2.0538	1.77004
0.40	1.7006	11.1147	12.8153	42.9639	2.2356	1.69528
0.60	1.6236	10.2479	11.8715	41.3316	2.4155	1.61532
0.80	1.5470	9.3723	10.9193	39.7261	2.5945	1.53431
1.00	1.4752	8.5277	10.0029	38.1859	2.7738	1.45600
1.20	1.4120	7.7439	9.1558	36.7377	2.9548	1.38318
1.40	1.3608	7.0385	8.3993	35.3944	3.1388	1.31749
1.60	1.3249	6.4187	7.7437	34.1570	3.3272	1.25960
1.80	1.3083	5.8842	7.1925	33.0169	3.5217	1.20940
2.00	1.3169	5.4296	6.7465	31.9590	3.7245	1.16633
2.20	1.3599	5.0481	6.4080	30.9627	3.9385	1.12960
2.40	1.4521	4.7331	6.1852	30.0025	4.1670	1.09835

T= 11100						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	3.9957	46.8592	50.8549	126.9495	-4.7895	3.99618
-6.80	3.9933	46.8214	50.8147	125.0721	-4.5897	3.99391
-6.60	3.9896	46.7625	50.7521	123.1751	-4.3901	3.99034
-6.40	3.9838	46.6704	50.6543	121.2470	-4.1908	3.98475
-6.20	3.9749	46.5272	50.5021	119.2710	-3.9917	3.97602
-6.00	3.9611	46.3056	50.2667	117.2218	-3.7933	3.96251
-5.80	3.9401	45.9669	49.9070	115.0635	-3.5956	3.94184
-5.60	3.9087	45.4584	49.3671	112.7473	-3.3990	3.91079
-5.40	3.8628	44.7148	48.5775	110.2135	-3.2042	3.86535
-5.20	3.7981	43.6653	47.4635	107.3993	-3.0115	3.80120
-5.00	3.7112	42.2517	45.9629	104.2557	-2.8216	3.71476
-4.80	3.6006	40.4515	44.0520	100.7710	-2.6347	3.60465
-4.60	3.4684	38.2980	41.7663	96.9890	-2.4509	3.47291
-4.40	3.3202	35.9821	39.2023	93.0095	-2.2699	3.32508
-4.20	3.1640	33.3327	36.4967	88.9669	-2.0908	3.16906
-4.00	3.0079	30.7853	33.7932	84.9980	-1.9128	3.01310
-3.80	2.8592	28.3550	31.2142	81.2172	-1.7348	2.86433
-3.60	2.7227	26.1231	28.8458	77.7006	-1.5561	2.72767
-3.40	2.6011	24.1349	26.7360	74.4872	-1.3759	2.60592
-3.20	2.4955	22.4060	24.9015	71.5854	-1.1939	2.50002
-3.00	2.4054	20.9307	23.3362	68.9822	-1.0099	2.40963
-2.80	2.3297	19.6901	22.0198	66.6518	-0.8238	2.33359
-2.60	2.2667	18.6584	20.9252	64.5622	-0.6357	2.27031
-2.40	2.2148	17.8074	20.0222	62.6797	-0.4457	2.21804
-2.20	2.1721	17.1090	19.2811	60.9715	-0.2542	2.17505
-2.00	2.1370	16.5368	18.6739	59.4074	-0.0613	2.13968
-1.80	2.1080	16.0667	18.1747	57.9600	0.1328	2.11039
-1.60	2.0835	15.6763	17.7598	56.6046	0.3277	2.08570
-1.40	2.0623	15.3446	17.4069	55.3184	0.5233	2.06418
-1.20	2.0427	15.0509	17.0936	54.0796	0.7191	2.04434
-1.00	2.0231	14.7736	16.7968	52.8660	0.9149	2.02449
-0.80	2.0017	14.4887	16.4904	51.6543	1.1103	2.00269
-0.60	1.9760	14.1694	16.1454	50.4188	1.3047	1.97665
-0.40	1.9438	13.7866	15.7303	49.1332	1.4976	1.94384
-0.20	1.9025	13.3129	15.2154	47.7734	1.6882	1.90184
0.0	1.8507	12.7291	14.5798	46.3251	1.8762	1.84896

T= 11100						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
0.20	1.7882	12.0324	13.8206	44.7901	2.0613	1.78503
0.40	1.7170	11.2399	12.9569	43.1903	2.2437	1.71175
0.60	1.6408	10.3865	12.0272	41.5636	2.4240	1.63244
0.80	1.5640	9.5152	11.0792	39.9545	2.6032	1.55121
1.00	1.4913	8.6671	10.1584	38.4032	2.7825	1.47195
1.20	1.4257	7.8740	9.3008	36.9387	2.9633	1.39767
1.40	1.3739	7.1559	8.5299	35.5762	3.1469	1.33025
1.60	1.3364	6.5219	7.8583	34.3188	3.3348	1.27054
1.80	1.3181	5.9728	7.2910	33.1594	3.5289	1.21857
2.00	1.3252	5.5044	6.8297	32.0834	3.7312	1.17384
2.20	1.3668	5.1102	6.4770	31.0708	3.9446	1.13559
2.40	1.4578	4.7838	6.2416	30.0964	4.1726	1.10301

T= 11200						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	3.9963	46.5094	50.5057	127.0184	-4.7855	3.99673
-6.80	3.9942	46.4767	50.4708	125.1458	-4.5857	3.99475
-6.60	3.9909	46.4258	50.4168	123.2563	-4.3861	3.99165
-6.40	3.9859	46.3466	50.3325	121.3402	-4.1866	3.98680
-6.20	3.9781	46.2230	50.2011	119.3827	-3.9875	3.97922
-6.00	3.9661	46.0314	49.9974	117.3617	-3.7888	3.96744
-5.80	3.9476	45.7373	49.6850	115.2451	-3.5908	3.94935
-5.60	3.9199	45.2930	49.2129	112.9888	-3.3939	3.92199
-5.40	3.8790	44.6373	48.5163	110.5367	-3.1985	3.88159
-5.20	3.8207	43.7003	47.5211	107.8261	-3.0050	3.82384
-5.00	3.7411	42.4181	46.1592	104.8018	-2.8142	3.74477
-4.80	3.6380	40.7545	44.3925	101.4382	-2.6263	3.64215
-4.60	3.5122	38.7238	42.2360	97.7602	-2.4416	3.51686
-4.40	3.3683	36.3992	39.7675	93.8507	-2.2593	3.37340
-4.20	3.2138	33.8995	37.1132	89.8351	-2.0802	3.21910
-4.00	3.0569	31.3602	34.4170	85.8520	-1.9019	3.06234
-3.80	2.9052	28.9040	31.8092	82.0230	-1.7240	2.91066
-3.60	2.7644	26.6228	29.3872	78.4368	-1.5456	2.76979
-3.40	2.6330	24.5723	27.2103	75.1430	-1.3659	2.64314
-3.20	2.5273	22.7766	25.3039	72.1585	-1.1845	2.53220
-3.00	2.4324	21.2357	23.6681	69.4762	-1.0011	2.43698
-2.80	2.3523	19.9343	22.2866	67.0737	-0.8157	2.35653
-2.60	2.2855	18.8485	21.1340	64.9205	-0.6282	2.28936
-2.40	2.2302	17.9507	20.1808	62.9833	-0.4388	2.23376
-2.20	2.1847	17.2127	19.3974	61.2291	-0.2478	2.18797
-2.00	2.1474	16.6078	18.7552	59.6270	-0.0553	2.15030
-1.80	2.1165	16.1112	18.2277	58.1488	0.1384	2.11917
-1.60	2.0907	15.7001	17.7908	56.7691	0.3331	2.09306
-1.40	2.0684	15.3532	17.4216	55.4646	0.5285	2.07053
-1.20	2.0483	15.0497	17.0980	54.2133	0.7242	2.05008
-1.00	2.0286	14.7682	16.7967	52.9931	0.9200	2.03007
-0.80	2.0074	14.4853	16.4927	51.7807	1.1155	2.00859
-0.60	1.9827	14.1747	16.1574	50.5512	1.3101	1.98343
-0.40	1.9519	13.8078	15.7597	49.2781	1.5033	1.95206
-0.20	1.9126	13.3565	15.2691	47.9366	1.6944	1.91200
0.0	1.8629	12.7993	14.6623	46.5097	1.8830	1.86133
0.20	1.8026	12.1293	13.9319	44.9952	2.0687	1.79950
0.40	1.7331	11.3593	13.0924	43.4109	2.2516	1.72783
0.60	1.6577	10.5208	12.1785	41.7915	2.4323	1.64934

T= 11200						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
0.80	1.5809	9.6556	11.2365	40.1806	2.6117	1.56805
1.00	1.5075	9.8055	10.3130	38.6196	2.7911	1.48798
1.20	1.4417	8.0043	9.4460	37.1397	2.9717	1.41234
1.40	1.3873	7.2743	8.6616	35.7588	3.1550	1.34325
1.60	1.3481	6.6263	7.9744	34.4817	3.3425	1.28174
1.80	1.3282	6.0629	7.3911	33.3029	3.5361	1.22797
2.00	1.3338	5.5807	6.9144	32.2088	3.7379	1.18156
2.20	1.3740	5.1735	6.5475	31.1798	3.9508	1.14178
2.40	1.4636	4.8357	6.2993	30.1908	4.1782	1.10782

T= 11300						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	3.9968	46.1646	50.1613	127.0855	-4.7816	3.99720
-6.80	3.9949	46.1360	50.1309	125.2167	-4.5818	3.99547
-6.60	3.9921	46.0920	50.0841	123.3336	-4.3821	3.99277
-6.40	3.9877	46.0235	50.0112	121.4276	-4.1826	3.98855
-6.20	3.9809	45.9167	49.8975	119.4858	-3.9833	3.98195
-6.00	3.9703	45.7507	49.7210	117.4889	-3.7845	3.97167
-5.80	3.9541	45.4952	49.4493	115.4084	-3.5863	3.95582
-5.60	3.9296	45.1070	49.0366	113.2045	-3.3890	3.93172
-5.40	3.8933	44.5293	48.4226	110.8250	-3.1930	3.89584
-5.20	3.8409	43.6947	47.5356	108.2088	-2.9989	3.84397
-5.00	3.7682	42.5359	46.3041	105.2971	-2.8072	3.77191
-4.80	3.6725	41.0057	44.6782	102.0527	-2.6184	3.67674
-4.60	3.5534	39.1011	42.6545	98.4834	-2.4327	3.55823
-4.40	3.4145	36.8767	40.2912	94.6539	-2.2500	3.41979
-4.20	3.2624	34.4388	37.7012	90.6782	-2.0698	3.26804
-4.00	3.1054	31.9199	35.0253	86.6929	-1.8912	3.11121
-3.80	2.9515	29.4481	32.3996	82.8263	-1.7133	2.95727
-3.60	2.8069	27.1250	29.9319	79.1779	-1.5351	2.81259
-3.40	2.6757	25.0171	27.6928	75.8081	-1.3559	2.68128
-3.20	2.5601	23.1571	25.7172	72.7431	-1.1751	2.56539
-3.00	2.4604	21.5516	24.0120	69.9823	-0.9923	2.46534
-2.80	2.3758	20.1894	22.5652	67.5071	-0.8075	2.38041
-2.60	2.3050	19.0488	21.3538	65.2892	-0.6206	2.30926
-2.40	2.2463	18.1032	20.3495	63.2960	-0.4318	2.25021
-2.20	2.1979	17.3245	19.5225	61.4944	-0.2413	2.20151
-2.00	2.1582	16.6858	18.8440	59.8529	-0.0492	2.16143
-1.80	2.1254	16.1616	18.2870	58.3426	0.1441	2.12835
-1.60	2.0981	15.7287	17.8268	56.9374	0.3385	2.10072
-1.40	2.0748	15.3655	17.4402	55.6134	0.5336	2.07708
-1.20	2.0539	15.0509	17.1048	54.3483	0.7293	2.05592
-1.00	2.0339	14.7638	16.7977	53.1199	0.9250	2.03562
-0.80	2.0130	14.4811	16.4941	51.9053	1.1205	2.01433
-0.60	1.9890	14.1774	16.1664	50.6799	1.3153	1.98988
-0.40	1.9595	13.8243	15.7837	49.4174	1.5088	1.95979
-0.20	1.9219	13.3932	15.3152	48.0922	1.7004	1.92150
0.0	1.8744	12.8609	14.7354	46.6854	1.8895	1.87294
0.20	1.8162	12.2169	14.0331	45.1911	2.0758	1.81320
0.40	1.7484	11.4698	13.2182	43.6228	2.2593	1.74319
0.60	1.6740	10.6473	12.3213	42.0121	2.4404	1.66566
0.80	1.5974	9.7898	11.3872	40.4013	2.6201	1.58449
1.00	1.5234	8.9393	10.4628	38.8324	2.7995	1.50376
1.20	1.4565	8.1315	9.5879	37.3387	2.9800	1.42688

T= 11300						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
1.40	1.4006	7.3905	8.7912	35.9404	3.1630	1.35620
1.60	1.3598	6.7295	8.0893	34.6444	3.3501	1.29294
1.80	1.3393	6.1524	7.4907	33.4468	3.5432	1.23743
2.00	1.3424	5.6567	6.9990	32.3350	3.7446	1.18935
2.20	1.3812	5.2370	6.6182	31.2897	3.9569	1.14803
2.40	1.4696	4.8878	6.3573	30.2863	4.1839	1.11270

T= 11400						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	3.9972	45.8249	49.8221	127.1510	-4.7777	3.99760
-6.80	3.9955	45.7998	49.7953	125.2854	-4.5779	3.99609
-6.60	3.9930	45.7615	49.7546	123.4077	-4.3782	3.99373
-6.40	3.9892	45.7021	49.6913	121.5103	-4.1786	3.99005
-6.20	3.9832	45.6096	49.5928	119.5819	-3.9793	3.98429
-6.00	3.9740	45.4656	49.4396	117.6056	-3.7803	3.97531
-5.80	3.9597	45.2433	49.2030	115.5562	-3.5818	3.96141
-5.60	3.9381	44.9039	48.8420	113.3979	-3.3842	3.94018
-5.40	3.9058	44.3953	48.3011	111.0828	-3.1878	3.90833
-5.20	3.8587	43.6532	47.5119	108.5522	-2.9930	3.86183
-5.00	3.7927	42.6091	46.4017	105.7454	-2.8005	3.79637
-4.80	3.7041	41.2076	44.9118	102.6168	-2.6108	3.70847
-4.60	3.5920	39.4302	43.0222	99.1585	-2.4241	3.59696
-4.40	3.4587	37.3131	40.7717	95.4171	-2.2406	3.46410
-4.20	3.3098	34.9479	38.2577	91.4930	-2.0597	3.31564
-4.00	3.1534	32.4613	35.6147	87.5180	-1.8807	3.15952
-3.80	2.9978	29.9845	32.9823	83.6245	-1.7027	3.00396
-3.60	2.8498	27.6277	30.4775	79.9217	-1.5247	2.85594
-3.40	2.7143	25.4676	28.1819	76.4810	-1.3458	2.72025
-3.20	2.5939	23.5464	26.1403	73.3382	-1.1655	2.59954
-3.00	2.4893	21.8777	24.3670	70.4997	-0.9834	2.49466
-2.80	2.4002	20.4549	22.8551	67.9516	-0.7992	2.40521
-2.60	2.3254	19.2591	21.5845	65.6682	-0.6130	2.32999
-2.40	2.2631	18.2648	20.5280	63.6178	-0.4248	2.26739
-2.20	2.2118	17.4445	19.6563	61.7675	-0.2347	2.21567
-2.00	2.1695	16.7708	18.9403	60.0853	-0.0431	2.17308
-1.80	2.1348	16.2180	18.3528	58.5417	0.1498	2.13795
-1.60	2.1058	15.7623	17.8682	57.1098	0.3439	2.10871
-1.40	2.0813	15.3817	17.4630	55.7651	0.5388	2.08387
-1.20	2.0597	15.0550	17.1147	54.4850	0.7343	2.06191
-1.00	2.0393	14.7610	16.8004	53.2472	0.9300	2.04122
-0.80	2.0185	14.4773	16.4958	52.0291	1.1255	2.02001
-0.60	1.9951	14.1788	16.1739	50.8062	1.3205	1.99615
-0.40	1.9667	13.8377	15.8044	49.5526	1.5142	1.96719
-0.20	1.9309	13.4253	15.3562	48.2424	1.7063	1.93057
0.0	1.8854	12.9167	14.8022	46.8547	1.8959	1.88404
0.20	1.8294	12.2984	14.1277	45.3805	2.0828	1.82640
0.40	1.7633	11.5746	13.3379	43.8290	2.2668	1.75816
0.60	1.6901	10.7694	12.4595	42.2285	2.4484	1.68173
0.80	1.6138	9.9211	11.5349	40.6193	2.6284	1.60083
1.00	1.5394	9.0718	10.6111	39.0439	2.8078	1.51958
1.20	1.4714	8.2583	9.7298	37.5375	2.9882	1.44157
1.40	1.4142	7.5073	8.9215	36.1225	3.1710	1.36936
1.60	1.3718	6.8338	8.2055	34.8081	3.3578	1.30438
1.80	1.3487	6.2431	7.5919	33.5917	3.5504	1.24711

T= 11400						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
2.00	1.3512	5.7340	7.0852	32.4620	3.7512	1.19735
2.20	1.3887	5.3017	6.6903	31.4004	3.9631	1.15448
2.40	1.4757	4.9410	6.4167	30.3824	4.1895	1.11774

T= 11500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	3.9975	45.4906	49.4881	127.2155	-4.7739	3.99796
-6.80	3.9961	45.4683	49.4644	125.3526	-4.5741	3.99663
-6.60	3.9939	45.4348	49.4287	123.4793	-4.3743	3.99457
-6.40	3.9905	45.3831	49.3736	121.5891	-4.1747	3.99135
-6.20	3.9852	45.3027	49.2879	119.6722	-3.9752	3.98631
-6.00	3.9771	45.1776	49.1547	117.7135	-3.7761	3.97844
-5.80	3.9646	44.9839	48.9485	115.6909	-3.5775	3.96624
-5.60	3.9455	44.6871	48.6325	113.5724	-3.3796	3.94753
-5.40	3.9167	44.2395	48.1562	111.3141	-3.1828	3.91927
-5.20	3.8745	43.5805	47.4551	108.8605	-2.9875	3.87765
-5.00	3.8146	42.6422	46.4568	106.1509	-2.7942	3.81835
-4.80	3.7331	41.3635	45.0966	103.1334	-2.6036	3.73749
-4.60	3.6280	39.7126	43.3406	99.7866	-2.4160	3.63306
-4.40	3.5006	37.7079	41.2085	96.1397	-2.2316	3.50622
-4.20	3.3557	35.4251	38.7808	92.2776	-2.0499	3.36174
-4.00	3.2007	32.9822	36.1829	88.3248	-1.8705	3.20709
-3.80	3.0441	30.5110	33.5551	84.4156	-1.6922	3.05060
-3.60	2.8932	28.1290	31.0222	80.6665	-1.5143	2.89973
-3.40	2.7536	25.9227	28.6763	77.1605	-1.3358	2.75998
-3.20	2.6285	23.9439	26.5724	73.9430	-1.1560	2.63460
-3.00	2.5192	22.2136	24.7328	71.0282	-0.9744	2.52495
-2.80	2.4255	20.7307	23.1563	68.4073	-0.7909	2.43095
-2.60	2.3466	19.4793	21.8259	66.0576	-0.6053	2.35158
-2.40	2.2807	18.4357	20.7164	63.9490	-0.4176	2.28533
-2.20	2.2262	17.5727	19.7989	62.0486	-0.2281	2.23048
-2.00	2.1814	16.8630	19.0444	60.3244	-0.0370	2.18527
-1.80	2.1445	16.2806	18.4251	58.7462	0.1556	2.14799
-1.60	2.1139	15.8011	17.9150	57.2863	0.3494	2.11705
-1.40	2.0881	15.4020	17.4902	55.9199	0.5440	2.09091
-1.20	2.0656	15.0621	17.1277	54.6237	0.7393	2.06806
-1.00	2.0448	14.7603	16.8051	53.3754	0.9349	2.04690
-0.80	2.0239	14.4741	16.4981	52.1523	1.1305	2.02565
-0.60	2.0010	14.1793	16.1804	50.9306	1.3255	2.00225
-0.40	1.9737	13.8486	15.8223	49.6845	1.5196	1.97431
-0.20	1.9394	13.4533	15.3927	48.3878	1.7120	1.93924
0.0	1.8959	12.9672	14.8631	47.0182	1.9021	1.89466
0.20	1.8420	12.3739	14.2159	45.5639	2.0896	1.83911
0.40	1.7778	11.6738	13.4517	44.0300	2.2742	1.77272
0.60	1.7059	10.8871	12.5930	42.4409	2.4562	1.69752
0.80	1.6301	10.0494	11.6796	40.8350	2.6365	1.61706
1.00	1.5554	9.2026	10.7580	39.2549	2.8161	1.53544
1.20	1.4865	8.3849	9.8714	37.7371	2.9965	1.45640
1.40	1.4279	7.6247	9.0526	36.3063	3.1790	1.38272
1.60	1.3840	6.9391	8.3230	34.9739	3.3654	1.31606
1.80	1.3593	6.3351	7.6944	33.7391	3.5576	1.25704
2.00	1.3603	5.8126	7.1730	32.5915	3.7579	1.20557
2.20	1.3963	5.3677	6.7640	31.5134	3.9693	1.16111
2.40	1.4820	4.9954	6.4774	30.4807	4.1952	1.12294

T= 11600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	3.9979	45.1616	49.1595	127.2789	-4.7701	3.99829
-6.80	3.9966	45.1416	49.1381	125.4180	-4.5703	3.99710
-6.60	3.9946	45.1120	49.1066	123.5484	-4.3705	3.99528
-6.40	3.9916	45.0668	49.0585	121.6643	-4.1708	3.99246
-6.20	3.9870	44.9968	48.9838	119.7571	-3.9713	3.98804
-6.00	3.9798	44.8878	48.8676	117.8135	-3.7721	3.98115
-5.80	3.9688	44.7188	48.6875	115.8141	-3.5733	3.97042
-5.60	3.9518	44.4589	48.4108	113.7301	-3.3751	3.95391
-5.40	3.9263	44.0649	47.9912	111.5218	-3.1780	3.92884
-5.20	3.8885	43.4803	47.3689	109.1372	-2.9822	3.89162
-5.00	3.8343	42.6388	46.4731	106.5167	-2.7883	3.83801
-4.80	3.7595	41.4758	45.2353	103.6043	-2.5968	3.76388
-4.60	3.6614	39.9488	43.6102	100.3677	-2.4083	3.66650
-4.40	3.5402	38.0597	41.6000	96.8195	-2.2229	3.54599
-4.20	3.3998	35.8674	39.2672	93.0285	-2.0405	3.40610
-4.00	3.2470	33.4789	36.7259	89.1091	-1.8605	3.25364
-3.80	3.0900	31.0240	34.1141	85.1949	-1.6820	3.09691
-3.60	2.9359	28.6256	31.5625	81.4088	-1.5041	2.94375
-3.40	2.7935	26.3796	29.1731	77.8438	-1.3258	2.80030
-3.20	2.6639	24.3472	27.0112	74.5554	-1.1464	2.67047
-3.00	2.5499	22.5578	25.1077	71.5660	-0.9654	2.55612
-2.80	2.4517	21.0156	23.4673	68.8729	-0.7825	2.45755
-2.60	2.3685	19.7086	22.0772	66.4566	-0.5975	2.37397
-2.40	2.2990	18.6151	20.9140	64.2887	-0.4104	2.30399
-2.20	2.2413	17.7086	19.9500	62.3373	-0.2214	2.24592
-2.00	2.1938	16.9621	19.1559	60.5699	-0.0307	2.19799
-1.80	2.1547	16.3490	18.5037	58.9559	0.1614	2.15847
-1.60	2.1223	15.8448	17.9671	57.4670	0.3549	2.12574
-1.40	2.0951	15.4264	17.5215	56.0777	0.5493	2.09821
-1.20	2.0717	15.0722	17.1439	54.7642	0.7444	2.07437
-1.00	2.0503	14.7612	16.8115	53.5041	0.9399	2.05262
-0.80	2.0293	14.4713	16.5007	52.2748	1.1354	2.03122
-0.60	2.0067	14.1786	16.1854	51.0527	1.3305	2.00815
-0.40	1.9803	13.8564	15.8367	49.8122	1.5248	1.98107
-0.20	1.9474	13.4761	15.4235	48.5272	1.7175	1.94739
0.0	1.9058	13.0107	14.9165	47.1741	1.9081	1.90464
0.20	1.8539	12.4413	14.2952	45.7386	2.0961	1.85110
0.40	1.7916	11.7646	13.5562	44.2222	2.2813	1.78657
0.60	1.7210	10.9969	12.7179	42.6453	2.4638	1.71270
0.80	1.6459	10.1711	11.8170	41.0441	2.6445	1.63280
1.00	1.5710	9.3283	10.8993	39.4606	2.8242	1.55095
1.20	1.5013	8.5076	10.0090	37.9327	3.0045	1.47102
1.40	1.4415	7.7394	9.1810	36.4873	3.1869	1.39598
1.60	1.3961	7.0426	8.4388	35.1377	3.3730	1.32770
1.80	1.3700	6.4260	7.7960	33.8850	3.5648	1.26697
2.00	1.3695	5.8907	7.2602	32.7200	3.7646	1.21383
2.20	1.4041	5.4334	6.8375	31.6256	3.9754	1.16779
2.40	1.4884	5.0498	6.5382	30.5782	4.2008	1.12819

T= 11700						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	3.9982	44.8381	48.8363	127.3417	-4.7663	3.99859
-6.80	3.9970	44.8197	48.8167	125.4824	-4.5665	3.99751
-6.60	3.9952	44.7935	48.7887	123.6158	-4.3667	3.99590

T= 11700						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-6.40	3.9926	44.7538	48.7464	121.7368	-4.1670	3.99342
-6.20	3.9895	44.6926	48.6810	119.8378	-3.9674	3.98954
-6.00	3.9822	44.5974	48.5796	117.9072	-3.7681	3.98348
-5.80	3.9724	44.4497	48.4221	115.9278	-3.5692	3.97404
-5.60	3.9574	44.2219	48.1793	113.8739	-3.3708	3.95946
-5.40	3.9347	43.8750	47.8097	111.7094	-3.1733	3.93722
-5.20	3.9009	43.3567	47.2576	109.3863	-2.9770	3.90397
-5.00	3.8518	42.6033	46.4552	106.8472	-2.7825	3.85559
-4.80	3.7834	41.5486	45.3320	104.0336	-2.5903	3.78782
-4.60	3.6922	40.1417	43.8339	100.9044	-2.4009	3.69738
-4.40	3.5775	38.3698	41.9473	97.4577	-2.2146	3.58343
-4.20	3.4422	36.2745	39.7166	93.7453	-2.0314	3.44864
-4.00	3.2921	33.9501	37.2423	89.8698	-1.8507	3.29908
-3.80	3.1356	31.5220	34.6575	85.9614	-1.6719	3.14278
-3.60	2.9806	29.1164	32.0970	82.1474	-1.4939	2.98790
-3.40	2.8340	26.8375	29.6714	78.5301	-1.3158	2.84116
-3.20	2.7001	24.7561	27.4562	75.1751	-1.1368	2.70711
-3.00	2.5815	22.9099	25.4914	72.1134	-0.9563	2.58817
-2.80	2.4787	21.3096	23.7884	69.3486	-0.7740	2.48504
-2.60	2.3913	19.9473	22.3386	66.8654	-0.5896	2.39721
-2.40	2.3180	18.8033	21.1213	64.6376	-0.4031	2.32341
-2.20	2.2570	17.8527	20.1097	62.6340	-0.2147	2.26202
-2.00	2.2067	17.0684	19.2751	60.8222	-0.0245	2.21127
-1.80	2.1653	16.4237	18.5890	59.1712	0.1673	2.16942
-1.60	2.1311	15.8937	18.0248	57.6522	0.3604	2.13479
-1.40	2.1024	15.4550	17.5574	56.2388	0.5545	2.10580
-1.20	2.0779	15.0857	17.1636	54.9071	0.7494	2.08088
-1.00	2.0559	14.7645	16.8204	53.6342	0.9448	2.05846
-0.80	2.0347	14.4698	16.5045	52.3975	1.1403	2.03682
-0.60	2.0124	14.1778	16.1902	51.1736	1.3355	2.01397
-0.40	1.9866	13.8626	15.8492	49.9374	1.5299	1.98762
-0.20	1.9551	13.4958	15.4508	48.6627	1.7229	1.95521
0.0	1.9152	13.0497	14.9649	47.3251	1.9140	1.91419
0.20	1.8653	12.5035	14.3688	45.9080	2.1025	1.86264
0.40	1.8050	11.8502	13.6552	44.4092	2.2882	1.80000
0.60	1.7359	11.1022	12.8380	42.8456	2.4713	1.72757
0.80	1.6615	10.2895	11.9510	41.2505	2.6523	1.64839
1.00	1.5867	9.4521	11.0387	39.6653	2.8323	1.56645
1.20	1.5163	8.6297	10.1460	38.1287	3.0126	1.48574
1.40	1.4553	7.8543	9.3097	36.6696	3.1947	1.40941
1.60	1.4085	7.1470	8.5555	35.3034	3.3805	1.33955
1.80	1.3808	6.5181	7.8990	34.0331	3.5719	1.27713
2.00	1.3788	5.9701	7.3489	32.8508	3.7713	1.22230
2.20	1.4120	5.5004	6.9125	31.7401	3.9816	1.17467
2.40	1.4950	5.1054	6.6004	30.6780	4.2064	1.13360

T= 11800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	3.9985	44.5200	48.5185	127.4038	-4.7626	3.99887
-6.80	3.9974	44.5028	48.5002	125.5455	-4.5627	3.99789
-6.60	3.9958	44.4792	48.4750	123.6813	-4.3629	3.99645
-6.40	3.9934	44.4441	48.4375	121.8066	-4.1632	3.99426
-6.20	3.9898	44.3904	48.3802	119.9146	-3.9636	3.99084
-6.00	3.9842	44.3071	48.2913	117.9951	-3.7642	3.98550

T= 11800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.80	3.9756	44.1777	48.1533	116.0329	-3.5651	3.97718
-5.60	3.9623	43.9778	47.9401	114.0050	-3.3666	3.96429
-5.40	3.9420	43.6722	47.6143	111.8790	-3.1688	3.94455
-5.20	3.9118	43.2128	47.1245	109.6106	-2.9721	3.91484
-5.00	3.8675	42.5391	46.4066	107.1451	-2.7771	3.87124
-4.80	3.8050	41.5848	45.3898	104.4234	-2.5842	3.80945
-4.60	3.7205	40.2929	44.0134	101.3978	-2.3939	3.72574
-4.40	3.6124	38.6377	42.2502	98.0532	-2.2067	3.61845
-4.20	3.4825	36.6444	40.1269	94.4254	-2.0226	3.48919
-4.00	3.3359	34.3928	37.7288	90.6033	-1.8413	3.34314
-3.80	3.1804	32.0014	35.1813	86.7112	-1.6620	3.18797
-3.60	3.0243	29.5978	32.6221	82.8786	-1.4839	3.03196
-3.40	2.8747	27.2934	30.1681	79.2163	-1.3059	2.88237
-3.20	2.7369	25.1681	27.9051	75.7995	-1.1273	2.74438
-3.00	2.6138	23.2683	25.8822	72.6682	-0.9472	2.62099
-2.80	2.5066	21.6115	24.1180	69.8330	-0.7654	2.51335
-2.60	2.4149	20.1941	22.6070	67.2830	-0.5816	2.42123
-2.40	2.3377	18.9996	21.3373	64.9947	-0.3957	2.34355
-2.20	2.2733	18.0042	20.2775	62.9380	-0.2078	2.27875
-2.00	2.2201	17.1813	19.4015	61.0809	-0.0181	2.22510
-1.80	2.1763	16.5043	18.6806	59.3919	0.1732	2.18082
-1.60	2.1401	15.9477	18.0878	57.8416	0.3659	2.14422
-1.40	2.1100	15.4878	17.5978	56.4033	0.5598	2.11367
-1.20	2.0844	15.1024	17.1867	55.0522	0.7545	2.08760
-1.00	2.0616	14.7701	16.8317	53.7654	0.9497	2.06442
-0.80	2.0401	14.4693	16.5094	52.5202	1.1451	2.04242
-0.60	2.0178	14.1768	16.1947	51.2932	1.3404	2.01968
-0.40	1.9928	13.8671	15.8598	50.0598	1.5349	1.99394
-0.20	1.9623	13.5120	15.4744	48.7939	1.7283	1.96267
0.0	1.9241	13.0838	15.0079	47.4704	1.9197	1.92327
0.20	1.8751	12.5595	14.4357	46.0707	2.1087	1.87364
0.40	1.8178	11.9292	13.7470	44.5894	2.2950	1.81289
0.60	1.7502	11.2014	12.9516	43.0397	2.4786	1.74197
0.80	1.6768	10.4028	12.0796	41.4519	2.6600	1.66363
1.00	1.6021	9.5721	11.1741	39.8662	2.8402	1.58175
1.20	1.5312	8.7492	10.2804	38.3221	3.0205	1.50038
1.40	1.4692	7.9678	9.4370	36.8503	3.2025	1.42286
1.60	1.4210	7.2507	8.6717	35.4683	3.3881	1.35147
1.80	1.3918	6.6101	8.0019	34.1808	3.5791	1.28739
2.00	1.3883	6.0496	7.4330	32.9814	3.7780	1.23039
2.20	1.4201	5.5678	6.9879	31.8545	3.9878	1.18166
2.40	1.5017	5.1615	6.6632	30.7776	4.2121	1.13913

T= 11900						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	3.9987	44.2075	48.2062	127.4656	-4.7589	3.99914
-6.80	3.9977	44.1910	48.1887	125.6079	-4.5590	3.99823
-6.60	3.9963	44.1694	48.1657	123.7455	-4.3592	3.99694
-6.40	3.9942	44.1382	48.1323	121.8744	-4.1594	3.99499
-6.20	3.9909	44.0908	48.0818	119.9884	-3.9598	3.99197
-6.00	3.9860	44.0177	48.0037	118.0784	-3.7603	3.98725
-5.80	3.9783	43.9042	47.8825	116.1309	-3.5611	3.97991
-5.60	3.9665	43.7285	47.6950	114.1257	-3.3624	3.96850
-5.40	3.9495	43.4590	47.4075	112.0334	-3.1644	3.95097

T= 11900						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.20	3.9214	43.0518	46.9732	109.8137	-2.9674	3.92443
-5.00	3.8914	42.4499	46.3314	107.4146	-2.7719	3.88519
-4.80	3.8245	41.5883	45.4128	104.7778	-2.5783	3.82895
-4.60	3.7464	40.4057	44.1521	101.8511	-2.3872	3.75173
-4.40	3.6450	38.8657	42.5107	98.6082	-2.1991	3.65111
-4.20	3.5209	36.9776	40.4985	95.0693	-2.0142	3.52771
-4.00	3.3783	34.8064	38.1847	91.3089	-1.8321	3.38575
-3.80	3.2245	32.4612	35.6857	87.4430	-1.6524	3.23237
-3.60	3.0678	30.0689	33.1367	83.6015	-1.4740	3.07584
-3.40	2.9158	27.7465	30.6623	79.9017	-1.2961	2.92388
-3.20	2.7743	25.5828	28.3571	76.4282	-1.1177	2.78225
-3.00	2.6469	23.6327	26.2796	73.2305	-0.9381	2.65458
-2.80	2.5352	21.9210	24.4562	70.3262	-0.7568	2.54248
-2.60	2.4392	20.4493	22.8886	67.7097	-0.5736	2.44606
-2.40	2.3581	19.2042	21.5623	65.3605	-0.3883	2.36444
-2.20	2.2903	18.1634	20.4537	63.2499	-0.2010	2.29615
-2.00	2.2341	17.3013	19.5354	61.3463	-0.0117	2.23950
-1.80	2.1878	16.5910	18.7788	59.6182	0.1792	2.19271
-1.60	2.1496	16.0069	18.1565	58.0357	0.3715	2.15404
-1.40	2.1179	15.5250	17.6429	56.5714	0.5650	2.12185
-1.20	2.0910	15.1226	17.2136	55.2000	0.7595	2.09454
-1.00	2.0674	14.7783	16.8457	53.8983	0.9546	2.07052
-0.80	2.0455	14.4705	16.5159	52.6434	1.1499	2.04803
-0.60	2.0233	14.1763	16.1996	51.4123	1.3452	2.02535
-0.40	1.9987	13.8707	15.8694	50.1805	1.5399	2.00011
-0.20	1.9694	13.5261	15.4954	48.9220	1.7335	1.96987
0.0	1.9327	13.1142	15.0469	47.6113	1.9253	1.93199
0.20	1.8866	12.6110	14.4976	46.2283	2.1148	1.88422
0.40	1.8301	12.0034	13.8336	44.7646	2.3016	1.82538
0.60	1.7642	11.2962	13.0605	43.2294	2.4857	1.75605
0.80	1.6918	10.5128	12.2047	41.6501	2.6675	1.67868
1.00	1.6174	9.6900	11.3074	40.0653	2.8480	1.59699
1.20	1.5461	8.8679	10.4140	38.5150	3.0284	1.51508
1.40	1.4831	8.0814	9.5645	37.0314	3.2103	1.43646
1.60	1.4336	7.3552	8.7888	35.6342	3.3956	1.36360
1.80	1.4030	6.7031	8.1062	34.3299	3.5862	1.29787
2.00	1.3981	6.1305	7.5285	33.1134	3.7847	1.23969
2.20	1.4284	5.6365	7.0649	31.9703	3.9940	1.18885
2.40	1.5087	5.2188	6.7275	30.8786	4.2177	1.14482

T= 12000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	3.9990	43.9006	47.8996	127.5276	-4.7553	3.99942
-6.80	3.9980	43.8843	47.8824	125.6698	-4.5554	3.99855
-6.60	3.9967	43.8642	47.8609	123.8089	-4.3555	3.99737
-6.40	3.9948	43.8361	47.8309	121.9406	-4.1557	3.99563
-6.20	3.9919	43.7942	47.7861	120.0596	-3.9560	3.99295
-6.00	3.9875	43.7297	47.7173	118.1578	-3.7565	3.98878
-5.80	3.9807	43.6299	47.6106	116.2231	-3.5573	3.98228
-5.60	3.9702	43.4753	47.4455	114.2375	-3.3584	3.97217
-5.40	3.9541	43.2375	47.1916	112.1748	-3.1602	3.95659
-5.20	3.9298	42.8764	46.8063	109.9980	-2.9628	3.93289
-5.00	3.8939	42.3392	46.2330	107.6587	-2.7668	3.89759
-4.80	3.8420	41.5624	45.4045	105.1001	-2.5727	3.84651

T= 12000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-4.60	3.7701	40.4828	44.2530	102.2669	-2.3809	3.77547
-4.40	3.6753	39.0551	42.7304	99.1238	-2.1919	3.68146
-4.20	3.5572	37.2743	40.8315	95.6768	-2.0061	3.56416
-4.00	3.4191	35.1897	38.6088	91.9852	-1.8233	3.42679
-3.80	3.2676	32.8995	36.1671	88.1549	-1.6430	3.27581
-3.60	3.1110	30.5276	33.6386	84.3142	-1.4643	3.11941
-3.40	2.9570	28.1951	31.1521	80.5844	-1.2864	2.96555
-3.20	2.8122	25.9986	28.8108	77.0599	-1.1082	2.82064
-3.00	2.6807	24.0021	26.6828	73.7992	-0.9290	2.68888
-2.80	2.5646	22.2376	24.8023	70.8276	-0.7482	2.57240
-2.60	2.4644	20.7125	23.1769	68.1451	-0.5655	2.47168
-2.40	2.3732	19.4167	21.7960	65.7346	-0.3808	2.38607
-2.20	2.3079	18.3303	20.6382	63.5694	-0.1940	2.31422
-2.00	2.2487	17.4281	19.6768	61.6185	-0.0053	2.25449
-1.80	2.1998	16.5838	18.8836	59.8503	0.1852	2.20509
-1.60	2.1595	16.0714	18.2309	58.2344	0.3771	2.16427
-1.40	2.1260	15.5666	17.6926	56.7430	0.5703	2.13036
-1.20	2.0979	15.1464	17.2442	55.3504	0.7646	2.10172
-1.00	2.0734	14.7891	16.8624	54.0327	0.9595	2.07676
-0.80	2.0509	14.4731	16.5240	52.7672	1.1547	2.05379
-0.60	2.0286	14.1759	16.2046	51.5306	1.3500	2.03095
-0.40	2.0045	13.8729	15.8774	50.2988	1.5448	2.00608
-0.20	1.9760	13.5370	15.5130	49.0461	1.7386	1.97672
0.0	1.9407	13.1398	15.0806	47.7468	1.9307	1.94022
0.20	1.8964	12.6561	14.5525	46.3791	2.1207	1.89419
0.40	1.8418	12.0703	13.9122	44.9322	2.3080	1.83722
0.60	1.7776	11.3836	13.1612	43.4116	2.4926	1.76951
0.80	1.7063	10.6160	12.3223	41.8415	2.6748	1.69318
1.00	1.6323	9.8022	11.4345	40.2590	2.8556	1.61182
1.20	1.5607	8.9821	10.5428	38.7038	3.0361	1.52949
1.40	1.4969	8.1916	9.6885	37.2097	3.2180	1.44987
1.60	1.4461	7.4572	8.9034	35.7982	3.4030	1.37563
1.80	1.4142	6.7946	8.2088	34.4778	3.5933	1.30831
2.00	1.4078	6.2103	7.6181	33.2448	3.7913	1.24849
2.20	1.4367	5.7047	7.1414	32.0858	4.0001	1.19605
2.40	1.5156	5.2759	6.7915	30.9795	4.2234	1.10000

T= 12100						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	3.9993	43.5994	47.5987	127.5894	-4.7516	3.99970
-6.80	3.9984	43.5828	47.5812	125.7312	-4.5517	3.99886
-6.60	3.9971	43.5637	47.5606	123.8710	-4.3519	3.99777
-6.40	3.9954	43.5381	47.5335	122.0050	-4.1520	3.99620
-6.20	3.9928	43.5007	47.4935	120.1282	-3.9523	3.99381
-6.00	3.9889	43.4437	47.4326	118.2334	-3.7528	3.99011
-5.80	3.9828	43.3557	47.3385	116.3097	-3.5534	3.98435
-5.60	3.9734	43.2194	47.1928	114.3412	-3.3544	3.97538
-5.40	3.9591	43.0092	46.9683	112.3043	-3.1560	3.96151
-5.20	3.9373	42.6889	46.6262	110.1655	-2.9584	3.94034
-5.00	3.9049	42.2094	46.1142	107.8797	-2.7620	3.90860
-4.80	3.8578	41.5100	45.3678	105.3923	-2.5673	3.86226
-4.60	3.7917	40.5266	44.3183	102.6467	-2.3748	3.79705
-4.40	3.7032	39.2071	42.9103	99.6005	-2.1850	3.70950
-4.20	3.5913	37.5339	41.1252	95.2468	-1.9984	3.59843

T= 12100						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-4.00	3.4582	35.5407	38.9989	92.6297	-1.8148	3.46606
-3.80	3.3096	33.3134	36.6230	88.8435	-1.6338	3.31809
-3.60	3.1536	30.9707	34.1243	85.0125	-1.4548	3.16240
-3.40	2.9982	29.6360	31.6342	81.2611	-1.2767	3.00718
-3.20	2.8505	26.4131	29.2635	77.6918	-1.0987	2.85936
-3.00	2.7151	24.3743	27.0894	74.3721	-0.9198	2.72375
-2.80	2.5947	22.5597	25.1544	71.3355	-0.7395	2.60302
-2.60	2.4902	20.9824	23.4726	68.5980	-0.5574	2.49803
-2.40	2.4011	19.6364	22.0375	66.1163	-0.3732	2.40840
-2.20	2.3261	18.5040	20.8302	63.8960	-0.1870	2.33293
-2.00	2.2638	17.5614	19.8252	61.8970	0.0012	2.27003
-1.80	2.2122	16.7824	18.9946	60.0877	0.1912	2.21794
-1.60	2.1697	16.1410	18.3107	58.4376	0.3828	2.17490
-1.40	2.1345	15.6124	17.7469	56.9183	0.5757	2.13918
-1.20	2.1049	15.1736	17.2786	55.5035	0.7696	2.10914
-1.00	2.0795	14.8025	16.8820	54.1690	0.9643	2.08317
-0.80	2.0564	14.4776	16.5340	52.8918	1.1595	2.05959
-0.60	2.0340	14.1764	16.2104	51.6488	1.3547	2.03655
-0.40	2.0101	13.8749	15.8850	50.4160	1.5496	2.01196
-0.20	1.9824	13.5464	15.5288	49.1679	1.7436	1.98337
0.0	1.9484	13.1626	15.1111	47.8787	1.9361	1.94815
0.20	1.9058	12.6974	14.6032	46.5256	2.1265	1.90381
0.40	1.8532	12.1329	13.9860	45.0951	2.3143	1.84868
0.60	1.7907	11.4668	13.2574	43.5896	2.4994	1.78264
0.80	1.7206	10.7157	12.4364	42.0299	2.6821	1.70748
1.00	1.6471	9.9121	11.5592	40.4507	2.8631	1.62656
1.20	1.5753	9.0951	10.6704	38.8919	3.0438	1.54394
1.40	1.5107	8.3017	9.8124	37.3882	3.2256	1.46342
1.60	1.4589	7.5598	9.0187	35.9631	3.4104	1.38784
1.80	1.4255	6.8870	8.3125	34.6270	3.6004	1.31896
2.00	1.4177	6.2912	7.7089	33.3776	3.7980	1.25750
2.20	1.4452	5.7740	7.2192	32.2027	4.0063	1.20346
2.40	1.5228	5.3342	6.8569	31.0817	4.2290	1.15644

T= 12200						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	3.9996	43.3041	47.3037	127.6517	-4.7480	4.00000
-6.80	3.9987	43.2865	47.2852	125.7924	-4.5481	3.99916
-6.60	3.9975	43.2679	47.2654	123.9326	-4.3482	3.99814
-6.40	3.9959	43.2442	47.2402	122.0684	-4.1484	3.99671
-6.20	3.9936	43.2106	47.2041	120.1950	-3.9487	3.99457
-6.00	3.9900	43.1600	47.1500	118.3061	-3.7491	3.99128
-5.80	3.9846	43.0822	47.0668	116.3919	-3.5496	3.98616
-5.60	3.9762	42.9617	46.9380	114.4383	-3.3506	3.97819
-5.40	3.9634	42.7758	46.7392	112.4240	-3.1520	3.96584
-5.20	3.9439	42.4915	46.4354	110.3186	-2.9541	3.94691
-5.00	3.9147	42.0635	45.9781	108.0806	-2.7573	3.91837
-4.80	3.8719	41.4344	45.3063	105.6581	-2.5621	3.87638
-4.60	3.8113	40.5404	44.3516	102.9941	-2.3690	3.81665
-4.40	3.7290	39.3245	43.0535	100.0412	-2.1784	3.73537
-4.20	3.6233	37.7581	41.3814	96.7808	-1.9909	3.63059
-4.00	3.4955	35.8600	39.3554	93.2428	-1.8065	3.50356
-3.80	3.3504	33.7027	37.0530	89.5086	-1.6249	3.35913
-3.60	3.1955	31.3977	34.5932	85.6961	-1.4455	3.20475

T= 12200						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-3.40	3.0393	29.0688	32.1080	81.9313	-1.2673	3.04871
-3.20	2.8890	26.8257	29.7147	78.3236	-1.0893	2.89839
-3.00	2.7500	24.7492	27.4992	74.9492	-0.9107	2.75920
-2.80	2.6255	22.8872	25.5127	71.8500	-0.7308	2.63433
-2.60	2.5167	21.2591	23.7758	69.0385	-0.5492	2.52512
-2.40	2.4236	19.8634	22.2869	66.5058	-0.3656	2.43144
-2.20	2.3450	18.6849	21.0299	64.2299	-0.1799	2.35230
-2.00	2.2794	17.7013	19.9808	62.1820	0.0078	2.28617
-1.80	2.2251	16.8869	19.1121	60.3308	0.1973	2.23131
-1.60	2.1803	16.2158	18.3961	58.6456	0.3885	2.18594
-1.40	2.1433	15.6628	17.8061	57.0973	0.5810	2.14834
-1.20	2.1123	15.2046	17.3168	55.6594	0.7747	2.11683
-1.00	2.0857	14.8188	16.9046	54.3072	0.9692	2.08977
-0.80	2.0620	14.4840	16.5460	53.0174	1.1642	2.06549
-0.60	2.0393	14.1778	16.2171	51.7668	1.3594	2.04216
-0.40	2.0156	13.8766	15.8922	50.5318	1.5544	2.01773
-0.20	1.9886	13.5541	15.5427	49.2871	1.7485	1.98980
0.0	1.9558	13.1822	15.1380	48.0067	1.9413	1.95574
0.20	1.9148	12.7341	14.6489	46.6670	2.1321	1.91298
0.40	1.8640	12.1900	14.0540	45.2524	2.3204	1.85965
0.60	1.8032	11.5444	13.3476	43.7620	2.5060	1.79530
0.80	1.7345	10.8104	12.5449	42.2131	2.6891	1.72138
1.00	1.6616	10.0179	11.6795	40.6385	2.8705	1.64102
1.20	1.5898	9.2051	10.7949	39.0772	3.0513	1.55824
1.40	1.5246	8.4097	9.9343	37.5650	3.2331	1.47691
1.60	1.4716	7.6613	9.1329	36.1272	3.4177	1.40008
1.80	1.4370	6.9790	8.4159	34.7759	3.6074	1.32968
2.00	1.4278	6.3721	7.7999	33.5106	3.8046	1.26660
2.20	1.4539	5.8435	7.2974	32.3200	4.0125	1.21096
2.40	1.5300	5.3928	6.9229	31.1846	4.2346	1.16244

T= 12300						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	3.9999	43.0147	47.0147	127.7146	-4.7444	4.00034
-6.80	3.9990	42.9957	46.9947	125.8537	-4.5445	3.99947
-6.60	3.9979	42.9770	46.9748	123.9937	-4.3447	3.99849
-6.40	3.9964	42.9546	46.9510	122.1306	-4.1448	3.99717
-6.20	3.9943	42.9241	46.9183	120.2600	-3.9451	3.99524
-6.00	3.9911	42.8789	46.8699	118.3761	-3.7454	3.99231
-5.80	3.9862	42.8098	46.7960	116.4701	-3.5459	3.98775
-5.60	3.9787	42.7032	46.6819	114.5294	-3.3467	3.98065
-5.40	3.9672	42.5385	46.5057	112.5349	-3.1480	3.96964
-5.20	3.9497	42.2858	46.2355	110.4590	-2.9499	3.95270
-5.00	3.9234	41.9038	45.8271	108.2637	-2.7528	3.92705
-4.80	3.8845	41.3383	45.2228	105.8998	-2.5572	3.88903
-4.60	3.8290	40.5268	44.3558	103.3114	-2.3634	3.83441
-4.40	3.7527	39.4092	43.1619	100.4472	-2.1721	3.75913
-4.20	3.6532	37.9475	41.6008	97.2794	-1.9838	3.66062
-4.00	3.5309	36.1469	39.6778	93.8236	-1.7986	3.53920
-3.80	3.3897	34.0655	37.4552	90.1481	-1.6163	3.39878
-3.60	3.2367	31.8061	35.0428	86.3625	-1.4364	3.24629
-3.40	3.0801	29.4909	32.5710	82.5924	-1.2579	3.08997
-3.20	2.9277	27.2344	30.1621	78.9529	-1.0800	2.93759
-3.00	2.7854	25.1251	27.9105	75.5286	-0.9016	2.79509

T= 12300						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-2.80	2.6559	23.2188	25.8757	72.3698	-0.7221	2.66627
-2.60	2.5439	21.5417	24.0856	69.4958	-0.5410	2.55289
-2.40	2.4458	20.0969	22.5437	66.9025	-0.3579	2.45518
-2.20	2.3645	18.8725	21.2370	64.5708	-0.1728	2.37231
-2.00	2.2956	17.8476	20.1432	62.4733	0.0144	2.30287
-1.80	2.2385	16.9973	19.2358	60.5794	0.2035	2.24517
-1.60	2.1913	16.2956	18.4670	58.8581	0.3942	2.19741
-1.40	2.1524	15.7176	17.8699	57.2802	0.5864	2.15785
-1.20	2.1198	15.2392	17.3591	55.8183	0.7798	2.12478
-1.00	2.0922	14.8381	16.9303	54.4475	0.9741	2.09656
-0.80	2.0677	14.4925	16.5603	53.1442	1.1690	2.07150
-0.60	2.0447	14.1805	16.2251	51.8852	1.3641	2.04781
-0.40	2.0211	13.8785	15.8995	50.6470	1.5591	2.02345
-0.20	1.9947	13.5608	15.5554	49.4045	1.7534	1.99609
0.0	1.9629	13.1996	15.1625	48.1318	1.9464	1.96308
0.20	1.9235	12.7676	14.6910	46.8046	2.1376	1.92183
0.40	1.8744	12.2432	14.1176	45.4053	2.3264	1.87027
0.60	1.8154	11.6180	13.4335	43.9302	2.5125	1.80764
0.80	1.7481	10.9017	12.6498	42.3930	2.6961	1.73505
1.00	1.6760	10.1211	11.7972	40.8240	2.8778	1.65538
1.20	1.6043	9.3138	10.9180	39.2615	3.0588	1.57254
1.40	1.5385	8.5174	10.0559	37.7418	3.2406	1.49050
1.60	1.4845	7.7631	9.2476	36.2920	3.4251	1.41248
1.80	1.4486	7.0716	8.5202	34.9261	3.6144	1.34060
2.00	1.4380	6.4541	7.8921	33.6450	3.8113	1.27591
2.20	1.4627	5.9142	7.3769	32.4388	4.0187	1.21866
2.40	1.5375	5.4526	6.9901	31.2887	4.2403	1.16362

T= 12400						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	4.0003	42.7315	46.7319	127.7785	-4.7409	4.00072
-6.80	3.9993	42.7103	46.7096	125.9152	-4.5410	3.99980
-6.60	3.9982	42.6909	46.6891	124.0544	-4.3411	3.99882
-6.40	3.9968	42.6694	46.6662	122.1920	-4.1413	3.99760
-6.20	3.9949	42.6413	46.6361	120.3236	-3.9415	3.99585
-6.00	3.9920	42.6006	46.5926	118.4439	-3.7418	3.99321
-5.80	3.9876	42.5391	46.5267	116.5449	-3.5423	3.98914
-5.60	3.9809	42.4445	46.4254	114.6153	-3.3430	3.98281
-5.40	3.9706	42.2983	46.2689	112.6380	-3.1441	3.97297
-5.20	3.9549	42.0736	46.0284	110.5882	-2.9458	3.95781
-5.00	3.9311	41.7324	45.6635	108.4308	-2.7485	3.93474
-4.80	3.8959	41.2243	45.1201	106.1200	-2.5524	3.90033
-4.60	3.8450	40.4886	44.3336	103.6012	-2.3581	3.85046
-4.40	3.7745	39.4635	43.2380	100.8209	-2.1661	3.78090
-4.20	3.6811	38.1038	41.7849	97.7435	-1.9770	3.68858
-4.00	3.5645	36.4016	39.9661	94.3721	-1.7910	3.57293
-3.80	3.4276	34.4011	37.8287	90.7609	-1.6080	3.43695
-3.60	3.2770	32.1945	35.4715	87.0101	-1.4275	3.28690
-3.40	3.1206	29.9008	33.0214	83.2432	-1.2487	3.13086
-3.20	2.9664	27.6378	30.6042	79.5784	-1.0707	2.97684
-3.00	2.8211	25.5008	28.3219	76.1093	-0.8926	2.83137
-2.80	2.6888	23.5537	26.2425	72.8940	-0.7134	2.69878
-2.60	2.5718	21.8295	24.4013	69.9592	-0.5327	2.58132
-2.40	2.4706	20.3366	22.8072	67.3059	-0.3502	2.47957

T= 12400						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-2.20	2.3846	19.0664	21.4510	64.9183	-0.1656	2.39295
-2.00	2.3124	18.0000	20.3123	62.7708	0.0211	2.32015
-1.90	2.2524	17.1132	19.3656	60.8335	0.2097	2.25953
-1.60	2.2028	16.3806	18.5833	59.0753	0.4000	2.20930
-1.40	2.1618	15.7766	17.9384	57.4668	0.5918	2.16770
-1.20	2.1277	15.2774	17.4051	55.9801	0.7849	2.13301
-1.00	2.0988	14.8602	16.9590	54.5899	0.9790	2.10355
-0.80	2.0735	14.5031	16.5766	53.2721	1.1737	2.07763
-0.60	2.0500	14.1841	16.2341	52.0037	1.3688	2.05348
-0.40	2.0264	13.8802	15.9066	50.7611	1.5637	2.02909
-0.20	2.0005	13.5659	15.5664	49.5195	1.7581	2.00215
0.0	1.9697	13.2139	15.1836	48.2530	1.9514	1.97009
0.20	1.9316	12.7964	14.7280	46.9369	2.1429	1.93022
0.40	1.8843	12.2905	14.1748	45.5520	2.3322	1.88033
0.60	1.8270	11.6851	13.5121	44.0916	2.5188	1.81939
0.80	1.7611	10.9864	12.7475	42.5664	2.7028	1.74816
1.00	1.6899	10.2186	11.9085	41.0039	2.8849	1.66926
1.20	1.6183	9.4175	11.0359	39.4411	3.0661	1.58648
1.40	1.5521	8.6213	10.1734	37.9152	3.2479	1.50385
1.60	1.4972	7.8621	9.3593	36.4544	3.4323	1.42473
1.80	1.4601	7.1624	8.6225	35.0745	3.6214	1.35143
2.00	1.4482	6.5347	7.9829	33.7783	3.8179	1.28519
2.20	1.4716	5.9841	7.4556	32.5569	4.0248	1.22635
2.40	1.5449	5.5120	7.0570	31.3926	4.2459	1.17481

T= 12500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	4.0008	42.4548	46.4556	127.8440	-4.7373	4.00117
-6.80	3.9997	42.4305	46.4302	125.9774	-4.5375	4.00015
-6.60	3.9986	42.4099	46.4084	124.1151	-4.3376	3.99917
-6.40	3.9972	42.3887	46.3859	122.2528	-4.1377	3.99800
-6.20	3.9954	42.3624	46.3578	120.3861	-3.9379	3.99639
-6.00	3.9928	42.3255	46.3183	118.5098	-3.7382	3.99401
-5.80	3.9889	42.2705	46.2593	116.6169	-3.5386	3.99037
-5.60	3.9828	42.1862	46.1691	114.6970	-3.3393	3.98471
-5.40	3.9736	42.0562	46.0298	112.7348	-3.1403	3.97591
-5.20	3.9594	41.8562	45.8156	110.7079	-2.9419	3.96233
-5.00	3.9379	41.5513	45.4893	108.5843	-2.7442	3.94158
-4.80	3.9060	41.0948	45.0008	106.3212	-2.5478	3.91044
-4.60	3.8595	40.4285	44.2881	103.8662	-2.3529	3.86495
-4.40	3.7944	39.4902	43.2846	101.1647	-2.1603	3.80082
-4.20	3.7070	38.2288	41.9357	98.1751	-1.9705	3.71453
-4.00	3.5961	36.6251	40.2212	94.8889	-1.7836	3.60477
-3.80	3.4640	34.7093	38.1734	91.3467	-1.5999	3.47357
-3.60	3.3162	32.5623	35.8784	87.6379	-1.4188	3.32647
-3.40	3.1605	30.2976	33.4581	83.8817	-1.2397	3.17124
-3.20	3.0052	28.0348	31.0399	80.1990	-1.0616	3.01607
-3.00	2.8571	25.8754	28.7326	76.6902	-0.8836	2.86796
-2.80	2.7212	23.8912	26.6124	73.4221	-0.7047	2.73181
-2.60	2.6003	22.1222	24.7215	70.4284	-0.5245	2.61038
-2.40	2.4950	20.5823	23.0774	67.7159	-0.3424	2.50463
-2.20	2.4052	19.2667	21.6719	65.2725	-0.1583	2.41423
-2.00	2.3297	18.1585	20.4882	63.0746	0.0278	2.33801
-1.80	2.2667	17.2349	19.5016	61.0931	0.2159	2.27440

T= 12500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-1.60	2.2146	16.4706	18.6852	59.2973	0.4058	2.22163
-1.40	2.1715	15.8402	18.0118	57.6573	0.5973	2.17792
-1.20	2.1358	15.3195	17.4553	56.1451	0.7901	2.14153
-1.00	2.1056	14.8854	16.9911	54.7346	0.9839	2.11076
-0.80	2.0794	14.5160	16.5955	53.4016	1.1784	2.08392
-0.60	2.0554	14.1894	16.2448	52.1229	1.3734	2.05923
-0.40	2.0317	13.8826	15.9143	50.8750	1.5684	2.03472
-0.20	2.0062	13.5707	15.5769	49.6333	1.7629	2.00813
0.0	1.9763	13.2267	15.2029	48.3721	1.9563	1.97690
0.20	1.9395	12.8227	14.7622	47.0661	2.1482	1.93833
0.40	1.8938	12.3345	14.2284	45.6949	2.3379	1.89007
0.60	1.8383	11.7486	13.5869	44.2492	2.5249	1.83093
0.80	1.7739	11.0679	12.8418	42.7365	2.7094	1.76103
1.00	1.7037	10.3135	12.0172	41.1813	2.8919	1.68300
1.20	1.6324	9.5198	11.1522	39.6195	3.0733	1.60040
1.40	1.5658	8.7246	10.2904	38.0882	3.2552	1.51727
1.60	1.5101	7.9613	9.4714	36.6172	3.4395	1.43712
1.80	1.4718	7.2538	8.7257	35.2239	3.6284	1.36245
2.00	1.4586	6.6163	8.0749	33.9128	3.8244	1.29466
2.20	1.4806	6.0551	7.5357	32.6764	4.0309	1.23424
2.40	1.5526	5.5726	7.1252	31.4979	4.2516	1.18118

T= 12600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	4.0013	42.1849	46.1862	127.9112	-4.7338	4.00169
-6.80	4.0001	42.1566	46.1566	126.0405	-4.5340	4.00055
-6.60	3.9989	42.1340	46.1329	124.1761	-4.3341	3.99952
-6.40	3.9976	42.1125	46.1101	122.3132	-4.1342	3.99838
-6.20	3.9959	42.0874	46.0834	120.4476	-3.9344	3.99689
-6.00	3.9935	42.0536	46.0472	118.5741	-3.7347	3.99473
-5.80	3.9900	42.0041	45.9941	116.6863	-3.5351	3.99145
-5.60	3.9845	41.9239	45.9135	114.7748	-3.3356	3.98639
-5.40	3.9762	41.8131	45.7893	112.8258	-3.1366	3.97851
-5.20	3.9634	41.6347	45.5981	110.8190	-2.9380	3.96632
-5.00	3.9440	41.3621	45.3062	108.7254	-2.7401	3.94764
-4.80	3.9150	40.9519	44.8670	106.5051	-2.5433	3.91948
-4.60	3.8726	40.3489	44.2216	104.1084	-2.3480	3.87801
-4.40	3.8125	39.4914	43.3039	101.4805	-2.1548	3.81898
-4.20	3.7309	38.3240	42.0549	98.5752	-1.9642	3.73854
-4.00	3.6259	36.8178	40.4437	95.3742	-1.7766	3.63470
-3.80	3.4988	34.9895	38.4884	91.9046	-1.5921	3.50857
-3.60	3.3543	32.9077	36.2620	88.2442	-1.4104	3.36487
-3.40	3.1998	30.6792	33.8790	84.5063	-1.2309	3.21098
-3.20	3.0437	28.4235	31.4672	80.8126	-1.0526	3.05513
-3.00	2.8934	26.2474	29.1408	77.2699	-0.8746	2.90475
-2.80	2.7541	24.2301	26.9842	73.9527	-0.6960	2.76529
-2.60	2.6293	22.4188	25.0481	70.9024	-0.5162	2.64002
-2.40	2.5201	20.8333	23.3534	68.1319	-0.3346	2.53032
-2.20	2.4265	19.4727	21.8992	65.6329	-0.1510	2.43612
-2.00	2.3475	18.3228	20.6703	63.3842	0.0346	2.35644
-1.80	2.2815	17.3620	19.6436	61.3580	0.2222	2.28978
-1.60	2.2268	16.5656	18.7924	59.5239	0.4117	2.23440
-1.40	2.1816	15.9082	18.0898	57.8517	0.6027	2.18851
-1.20	2.1441	15.3653	17.5094	56.3131	0.7952	2.15035

T= 12600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-1.00	2.1126	14.9137	17.0264	54.8816	0.9888	2.11820
-0.80	2.0855	14.5313	16.6168	53.5326	1.1832	2.09035
-0.60	2.0609	14.1961	16.2570	52.2428	1.3780	2.06505
-0.40	2.0370	13.8855	15.9226	50.9886	1.5730	2.04034
-0.20	2.0117	13.5750	15.5867	49.7457	1.7675	2.01399
0.0	1.9826	13.2377	15.2203	48.4885	1.9612	1.98349
0.20	1.9470	12.8459	14.7929	47.1916	2.1533	1.94611
0.40	1.9030	12.3744	14.2773	45.8332	2.3434	1.89941
0.60	1.8492	11.8073	13.6565	44.4018	2.5309	1.84184
0.80	1.7863	11.1446	12.9309	42.9017	2.7159	1.77351
1.00	1.7171	10.4043	12.1214	41.3547	2.8988	1.69643
1.20	1.6462	9.6187	11.2649	39.7948	3.0804	1.61412
1.40	1.5794	8.8256	10.4050	38.2592	3.2625	1.53059
1.60	1.5229	8.0590	9.5819	36.7788	3.4467	1.44949
1.80	1.4836	7.3445	8.8281	35.3729	3.6353	1.37351
2.00	1.4691	6.6977	8.1668	34.0473	3.8310	1.30420
2.20	1.4897	6.1261	7.6159	32.7961	4.0371	1.24222
2.40	1.5603	5.6336	7.1939	31.6036	4.2572	1.18765

T= 12700						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	4.0019	41.9221	45.9241	127.9810	-4.7303	4.00231
-6.80	4.0005	41.8887	45.8892	126.1048	-4.5305	4.00099
-6.60	3.9993	41.8634	45.8627	124.2375	-4.3306	3.99989
-6.40	3.9980	41.8409	45.8390	122.3736	-4.1307	3.99876
-6.20	3.9964	41.8166	45.8130	120.5085	-3.9309	3.99735
-6.00	3.9942	41.7852	45.7794	118.6372	-3.7312	3.99538
-5.80	3.9910	41.7404	45.7314	116.7536	-3.5315	3.99242
-5.60	3.9860	41.6730	45.6590	114.8494	-3.3321	3.98787
-5.40	3.9785	41.5695	45.5480	112.9119	-3.1329	3.98080
-5.20	3.9670	41.4102	45.3772	110.9229	-2.9341	3.96986
-5.00	3.9495	41.1663	45.1158	108.8558	-2.7361	3.95303
-4.80	3.9231	40.7977	44.7208	106.6741	-2.5390	3.92755
-4.60	3.8844	40.2522	44.1366	104.3304	-2.3433	3.88979
-4.40	3.8290	39.4696	43.2986	101.7708	-2.1495	3.83553
-4.20	3.7530	38.3915	42.1445	98.9461	-1.9582	3.76071
-4.00	3.6539	36.9810	40.6349	95.8291	-1.7698	3.66276
-3.80	3.5319	35.2421	38.7740	92.4348	-1.5846	3.54191
-3.60	3.3911	33.2305	36.6216	88.8285	-1.4022	3.40204
-3.40	3.2384	31.0448	34.2832	85.1159	-1.2223	3.24999
-3.20	3.0821	28.9029	31.8850	81.4183	-1.0438	3.09395
-3.00	2.9297	26.6159	29.5457	77.8474	-0.8658	2.94169
-2.80	2.7874	24.5697	27.3571	74.4852	-0.6874	2.79917
-2.60	2.6588	22.7189	25.3777	71.3809	-0.5079	2.67021
-2.40	2.5458	21.0893	23.6351	68.5536	-0.3268	2.55661
-2.20	2.4484	19.6844	22.1328	65.9994	-0.1437	2.45862
-2.00	2.3659	18.4929	20.8598	63.6998	0.0414	2.37544
-1.80	2.2969	17.4946	19.7915	61.6284	0.2285	2.30567
-1.60	2.2395	16.6656	18.9051	59.7552	0.4176	2.24761
-1.40	2.1921	15.9805	18.1726	58.0501	0.6083	2.19947
-1.20	2.1528	15.4149	17.5676	56.4843	0.8004	2.15947
-1.00	2.1199	14.9451	17.0650	55.0310	0.9937	2.12587
-0.80	2.0917	14.5490	16.6407	53.6653	1.1879	2.09696
-0.60	2.0664	14.2045	16.2710	52.3634	1.3826	2.07096

T= 12700						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-0.40	2.0423	13.8892	15.9315	51.1021	1.5775	2.04596
-0.20	2.0172	13.5789	15.5961	49.8569	1.7721	2.01976
0.0	1.9887	13.2472	15.2359	48.6027	1.9660	1.98988
0.20	1.9543	12.8663	14.8206	47.3136	2.1584	1.95360
0.40	1.9117	12.4104	14.3221	45.9671	2.3488	1.90837
0.60	1.8596	11.8615	13.7211	44.5495	2.5368	1.85243
0.80	1.7982	11.2167	13.0149	43.0621	2.7222	1.78559
1.00	1.7301	10.4909	12.2211	41.5236	2.9055	1.70955
1.20	1.6598	9.7143	11.3741	39.9665	3.0874	1.62761
1.40	1.5928	8.9241	10.5169	38.4275	3.2696	1.54379
1.60	1.5357	8.1551	9.6908	36.9386	3.4537	1.46183
1.80	1.4953	7.4342	8.9296	35.5206	3.6421	1.38459
2.00	1.4796	6.7786	8.2582	34.1810	3.8376	1.31381
2.20	1.4990	6.1972	7.6961	32.9153	4.0432	1.25028
2.40	1.5691	5.6947	7.2628	31.7089	4.2628	1.19421

T= 12800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	4.0027	41.6670	45.6697	128.0536	-4.7268	4.00305
-6.80	4.0010	41.6272	45.6282	126.1708	-4.5270	4.00151
-6.60	3.9997	41.5982	45.5979	124.2996	-4.3272	4.00030
-6.40	3.9984	41.5742	45.5726	122.4340	-4.1273	3.99914
-6.20	3.9969	41.5500	45.5468	120.5687	-3.9275	3.99779
-6.00	3.9948	41.5204	45.5152	118.6990	-3.7277	3.99597
-5.80	3.9918	41.4795	45.4713	116.8190	-3.5280	3.99329
-5.60	3.9874	41.4188	45.4062	114.9210	-3.3285	3.98918
-5.40	3.9805	41.3261	45.3067	112.9936	-3.1292	3.98283
-5.20	3.9701	41.1836	45.1538	111.0201	-2.9304	3.97299
-5.00	3.9543	40.9651	44.9194	108.9767	-2.7321	3.95782
-4.80	3.9304	40.6336	44.5640	106.8293	-2.5348	3.93476
-4.60	3.8950	40.1404	44.0354	104.5337	-2.3387	3.90038
-4.40	3.8441	39.4268	43.2708	102.0374	-2.1444	3.85056
-4.20	3.7734	38.4331	42.2065	99.2889	-1.9525	3.78112
-4.00	3.6800	37.1155	40.7955	96.2543	-1.7633	3.68896
-3.80	3.5634	35.4668	39.0302	92.9368	-1.5773	3.57355
-3.60	3.4267	33.5294	36.9561	89.3892	-1.3943	3.43787
-3.40	3.2762	31.3927	34.6689	85.7087	-1.2138	3.28813
-3.20	3.1200	29.1714	32.2914	82.0145	-1.0350	3.13240
-3.00	2.9661	26.9792	29.9454	78.4208	-0.8570	2.97864
-2.80	2.8210	24.9086	27.7296	75.0181	-0.6788	2.83335
-2.60	2.6888	23.0213	25.7102	71.8627	-0.4996	2.70087
-2.40	2.5720	21.3494	23.9214	68.9801	-0.3189	2.58346
-2.20	2.4708	19.9011	22.3720	66.3713	-0.1363	2.48169
-2.00	2.3848	18.6682	21.0530	64.0209	0.0483	2.39499
-1.80	2.3126	17.6323	19.9450	61.9039	0.2349	2.32206
-1.60	2.2526	16.7702	19.0229	59.9910	0.4235	2.26126
-1.40	2.2029	16.0571	18.2600	58.2523	0.6138	2.21081
-1.20	2.1617	15.4681	17.6298	56.6586	0.8056	2.16890
-1.00	2.1273	14.9796	17.1069	55.1828	0.9986	2.13378
-0.80	2.0980	14.5691	16.6671	53.7996	1.1926	2.10373
-0.60	2.0720	14.2147	16.2867	52.4850	1.3872	2.07697
-0.40	2.0476	13.8938	15.9414	51.2156	1.5820	2.05160
-0.20	2.0225	13.5828	15.6053	49.9673	1.7767	2.02546
0.0	1.9946	13.2555	15.2501	48.7149	1.9707	1.99611

T= 12800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
0.20	1.9612	12.8844	14.8456	47.4326	2.1633	1.96082
0.40	1.9200	12.4429	14.3630	46.0971	2.3541	1.91697
0.60	1.8675	11.9116	13.7811	44.6928	2.5425	1.86262
0.80	1.8098	11.2844	13.0942	43.2181	2.7284	1.79728
1.00	1.7429	10.5735	12.3164	41.6889	2.9121	1.72234
1.20	1.6731	9.8067	11.4798	40.1355	3.0943	1.64088
1.40	1.6061	9.0202	10.6264	38.5942	3.2766	1.55686
1.60	1.5484	8.2497	9.7981	37.0977	3.4607	1.47413
1.80	1.5071	7.5231	9.0302	35.6683	3.6489	1.39570
2.00	1.4902	6.8592	8.3494	34.3153	3.8441	1.32348
2.20	1.5082	6.2683	7.7765	33.0355	4.0493	1.25842
2.40	1.5760	5.7562	7.3322	31.8155	4.2684	1.20087

T= 12900						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	4.0036	41.4201	45.4237	128.1301	-4.7234	4.00393
-6.80	4.0017	41.3723	45.3739	126.2390	-4.5236	4.00212
-6.60	4.0002	41.3387	45.3389	124.3629	-4.3237	4.00075
-6.40	3.9988	41.3123	45.3112	122.4947	-4.1239	3.99954
-6.20	3.9973	41.2876	45.2849	120.6288	-3.9240	3.99822
-6.00	3.9954	41.2593	45.2546	118.7601	-3.7242	3.99651
-5.80	3.9926	41.2215	45.2141	116.8830	-3.5245	3.99406
-5.60	3.9886	41.1666	45.1551	114.9902	-3.3250	3.99036
-5.40	3.9824	41.0834	45.0657	113.0715	-3.1257	3.98463
-5.20	3.9729	40.9556	44.9286	111.1119	-2.9267	3.97577
-5.00	3.9586	40.7596	44.7182	109.0893	-2.7283	3.96209
-4.80	3.9368	40.4614	44.3983	106.9728	-2.5307	3.94121
-4.60	3.9046	40.0154	43.9200	104.7208	-2.3342	3.90991
-4.40	3.8577	39.3653	43.2230	102.2826	-2.1395	3.86421
-4.20	3.7921	38.4509	42.2430	99.6060	-1.9469	3.79987
-4.00	3.7043	37.2232	40.9275	96.6513	-1.7571	3.71339
-3.80	3.5932	35.6645	39.2577	93.4114	-1.5703	3.60351
-3.60	3.4609	33.8047	37.2656	89.9266	-1.3866	3.47231
-3.40	3.3130	31.7225	35.0356	86.2842	-1.2056	3.32535
-3.20	3.1575	29.5281	32.6856	82.5997	-1.0265	3.17038
-3.00	3.0025	27.3367	30.3392	78.9897	-0.8483	3.01555
-2.80	2.8548	25.2463	28.1011	75.5510	-0.6702	2.86780
-2.60	2.7193	23.3258	26.0451	72.3475	-0.4913	2.73200
-2.40	2.5987	21.6135	24.2122	69.4114	-0.3111	2.61086
-2.20	2.4938	20.1228	22.6167	66.7487	-0.1289	2.50535
-2.00	2.4043	18.8488	21.2531	64.3475	0.0552	2.41510
-1.80	2.3289	17.7752	20.1041	62.1845	0.2413	2.33897
-1.60	2.2661	16.8798	19.1459	60.2315	0.4295	2.27537
-1.40	2.2140	16.1380	18.3521	58.4586	0.6194	2.22253
-1.20	2.1709	15.5251	17.6961	56.8363	0.8108	2.17865
-1.00	2.1350	15.0174	17.1524	55.3373	1.0036	2.14195
-0.80	2.1045	14.5919	16.6964	53.9358	1.1973	2.11070
-0.60	2.0778	14.2268	16.3045	52.6078	1.3918	2.08311
-0.40	2.0529	13.8996	15.9525	51.3296	1.5865	2.05730
-0.20	2.0278	13.5970	15.6149	50.0773	1.7812	2.03115
0.0	2.0004	13.2632	15.2636	48.8259	1.9753	2.00223
0.20	1.9679	12.9009	14.8688	47.5495	2.1682	1.96785
0.40	1.9281	12.4731	14.4012	46.2243	2.3593	1.92533
0.60	1.8792	11.9587	13.8379	44.8329	2.5482	1.87255

T= 12900						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
0.80	1.8211	11.3492	13.1702	43.3710	2.7345	1.80873
1.00	1.7554	10.6535	12.4089	41.8516	2.9186	1.73496
1.20	1.6863	9.8972	11.5835	40.3028	3.1011	1.65407
1.40	1.6195	9.1154	10.7349	38.7601	3.2836	1.56996
1.60	1.5613	8.3440	9.9053	37.2568	3.4677	1.48654
1.80	1.5190	7.6124	9.1314	35.8167	3.6557	1.40696
2.00	1.5010	6.9406	8.4415	34.4506	3.8506	1.33333
2.20	1.5177	6.3403	7.8580	33.1569	4.0554	1.26676
2.40	1.5841	5.8188	7.4028	31.9234	4.2740	1.20771

T= 13000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	4.0046	41.1822	45.1868	128.2111	-4.7199	4.00500
-6.80	4.0024	41.1245	45.1269	126.3097	-4.5201	4.00283
-6.60	4.0007	41.0851	45.0858	124.4275	-4.3203	4.00126
-6.40	3.9992	41.0555	45.0548	122.5560	-4.1205	3.99996
-6.20	3.9977	41.0296	45.0274	120.6887	-3.9206	3.99864
-6.00	3.9959	41.0019	44.9978	118.8203	-3.7208	3.99702
-5.80	3.9933	40.9667	44.9600	116.9455	-3.5211	3.99477
-5.60	3.9896	40.9166	44.9062	115.0572	-3.3215	3.99140
-5.40	3.9840	40.8416	44.8256	113.1461	-3.1221	3.98624
-5.20	3.9754	40.7269	44.7023	111.1985	-2.9231	3.97824
-5.00	3.9624	40.5508	44.5132	109.1445	-2.7245	3.96588
-4.80	3.9426	40.2823	44.2249	107.1055	-2.5267	3.94697
-4.60	3.9132	39.8790	43.7921	104.8928	-2.3299	3.91848
-4.40	3.8701	39.2870	43.1571	102.5081	-2.1347	3.87659
-4.20	3.8093	38.4467	42.2560	99.8988	-1.9416	3.81706
-4.00	3.7269	37.3051	41.0321	97.0210	-1.7511	3.73608
-3.80	3.6213	35.8355	39.4568	93.8585	-1.5636	3.63175
-3.60	3.4936	34.0556	37.5492	90.4396	-1.3792	3.50530
-3.40	3.3488	32.0329	35.3818	86.8407	-1.1976	3.36151
-3.20	3.1944	29.8715	33.0659	83.1724	-1.0181	3.20777
-3.00	3.0386	27.6868	30.7254	79.5522	-0.8398	3.05229
-2.80	2.8888	25.5814	28.4702	76.0824	-0.6617	2.90241
-2.60	2.7501	23.6310	26.3811	72.8341	-0.4831	2.76349
-2.40	2.6259	21.8806	24.5065	69.8464	-0.3032	2.63876
-2.20	2.5173	20.3488	22.8661	67.1309	-0.1215	2.52954
-2.00	2.4242	19.0342	21.4584	64.6791	0.0621	2.43574
-1.80	2.3457	17.9229	20.2685	62.4700	0.2478	2.35637
-1.60	2.2800	16.9939	19.2739	60.4764	0.4355	2.28991
-1.40	2.2256	16.2231	18.4487	58.6686	0.6250	2.23463
-1.20	2.1804	15.5858	17.7663	57.0171	0.8161	2.18871
-1.00	2.1429	15.0582	17.2011	55.4942	1.0085	2.15037
-0.80	2.1112	14.6172	16.7284	54.0739	1.2021	2.11785
-0.60	2.0836	14.2407	16.3243	52.7317	1.3964	2.08937
-0.40	2.0582	13.9066	15.9648	51.4439	1.5910	2.06305
-0.20	2.0331	13.5915	15.6246	50.1867	1.7857	2.03680
0.0	2.0060	13.2702	15.2762	48.9352	1.9799	2.00822
0.20	1.9744	12.9155	14.8899	47.6638	2.1730	1.97466
0.40	1.9359	12.5002	14.4361	46.3478	2.3644	1.93337
0.60	1.8885	12.0019	13.8905	44.9686	2.5537	1.88211
0.80	1.8319	11.4098	13.2417	43.5193	2.7404	1.81981
1.00	1.7676	10.7296	12.4972	42.0101	2.9249	1.74725
1.20	1.6993	9.9843	11.6837	40.4665	3.1078	1.66703

T= 13000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
1.40	1.6326	9.2081	10.8406	38.9232	3.2904	1.58292
1.60	1.5740	8.4367	10.0107	37.4139	3.4745	1.49888
1.80	1.5309	7.7007	9.2316	35.9636	3.6625	1.41823
2.00	1.5118	7.0215	8.5333	34.5850	3.8570	1.34324
2.20	1.5272	6.4123	7.9396	33.2776	4.0614	1.27517
2.40	1.5922	5.8817	7.4739	32.0309	4.2795	1.21464

T= 13100						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	4.0059	40.9539	44.9599	128.2974	-4.7164	4.00629
-6.80	4.0032	40.8844	44.8876	126.3837	-4.5167	4.00368
-6.60	4.0013	40.8377	44.8390	124.4939	-4.3169	4.00186
-6.40	3.9997	40.8040	44.8037	122.6179	-4.1171	4.00042
-6.20	3.9982	40.7762	44.7744	120.7486	-3.9173	3.99907
-6.00	3.9964	40.7486	44.7449	118.8801	-3.7175	3.99751
-5.80	3.9940	40.7152	44.7092	117.0068	-3.5177	3.99541
-5.60	3.9906	40.6692	44.6598	115.1222	-3.3181	3.99234
-5.40	3.9855	40.6013	44.5867	113.2177	-3.1186	3.98767
-5.20	3.9777	40.4979	44.4756	111.2806	-2.9195	3.98044
-5.00	3.9658	40.3395	44.3053	109.2930	-2.7208	3.96926
-4.80	3.9478	40.0975	44.0454	107.2285	-2.5228	3.95211
-4.60	3.9209	39.7326	43.6535	105.0514	-2.3257	3.92618
-4.40	3.8813	39.1939	43.0752	102.7155	-2.1301	3.88781
-4.20	3.8250	38.4225	42.2475	100.1690	-1.9365	3.83278
-4.00	3.7479	37.3630	41.1109	97.3549	-1.7453	3.75711
-3.80	3.6477	35.9808	39.6295	94.2789	-1.5571	3.65831
-3.60	3.5249	34.2822	37.8071	90.9279	-1.3720	3.53679
-3.40	3.3835	32.3232	35.7067	87.3775	-1.1898	3.39654
-3.20	3.2307	30.2004	33.4311	83.7315	-1.0098	3.24448
-3.00	3.0746	28.0282	31.1027	80.1070	-0.8313	3.08877
-2.80	2.9228	25.9128	28.8356	76.6110	-0.6533	2.93709
-2.60	2.7813	23.9362	26.7175	73.3215	-0.4749	2.79530
-2.40	2.6535	22.1501	24.8037	70.2346	-0.2953	2.66710
-2.20	2.5413	20.5785	23.1198	67.5174	-0.1141	2.55423
-2.00	2.4447	19.2240	21.6686	65.0154	0.0691	2.45689
-1.80	2.3629	18.0751	20.4380	62.7602	0.2543	2.37425
-1.60	2.2943	17.1124	19.4067	60.7255	0.4415	2.30489
-1.40	2.2374	16.3122	18.5496	58.8823	0.6306	2.24711
-1.20	2.1903	15.6501	17.8404	57.2011	0.8214	2.19910
-1.00	2.1511	15.1021	17.2532	55.6537	1.0135	2.15906
-0.80	2.1181	14.6450	16.7631	54.2138	1.2068	2.12521
-0.60	2.0895	14.2566	16.3461	52.8567	1.4009	2.09576
-0.40	2.0636	13.9148	15.9784	51.5586	1.5955	2.06886
-0.20	2.0383	13.5964	15.6347	50.2958	1.7901	2.04243
0.0	2.0115	13.2766	15.2881	49.0433	1.9844	2.01411
0.20	1.9807	12.9285	14.9091	47.7758	2.1777	1.98126
0.40	1.9433	12.5247	14.4680	46.4682	2.3694	1.94113
0.60	1.8975	12.0417	13.9391	45.1005	2.5590	1.89131
0.80	1.8424	11.4663	13.3088	43.6636	2.7463	1.83052
1.00	1.7794	10.8017	12.5811	42.1648	2.9312	1.75921
1.20	1.7120	10.0681	11.7801	40.6272	3.1144	1.67973
1.40	1.6455	9.2980	10.9436	39.0842	3.2972	1.59571
1.60	1.5866	8.5274	10.1141	37.5698	3.4813	1.51115
1.80	1.5428	7.7877	9.3305	36.1103	3.6692	1.42950

T= 13100						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
2.00	1.5226	7.1018	8.6244	34.7197	3.8634	1.35318
2.20	1.5368	6.4841	8.0209	33.3991	4.0675	1.28365
2.40	1.6004	5.9447	7.5451	32.1396	4.2851	1.22167

T= 13200						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	4.0075	40.7365	44.7440	128.3905	-4.7129	4.00784
-6.80	4.0042	40.6525	44.6568	126.4618	-4.5133	4.00470
-6.60	4.0020	40.5969	44.5989	124.5627	-4.3135	4.00255
-6.40	4.0002	40.5580	44.5582	122.6812	-4.1137	4.00093
-6.20	3.9986	40.5276	44.5262	120.8090	-3.9139	3.99951
-6.00	3.9969	40.4992	44.4961	118.9396	-3.7141	3.99799
-5.80	3.9946	40.4671	44.4617	117.0674	-3.5143	3.99601
-5.60	3.9914	40.4245	44.4159	115.1858	-3.3147	3.99320
-5.40	3.9868	40.3627	44.3494	113.2869	-3.1152	3.98895
-5.20	3.9797	40.2693	44.2490	111.3591	-2.9160	3.98240
-5.00	3.9689	40.1266	44.0954	109.3859	-2.7172	3.97228
-4.80	3.9525	39.9083	43.8607	107.3435	-2.5190	3.95673
-4.60	3.9278	39.5780	43.5059	105.1983	-2.3217	3.93311
-4.40	3.8915	39.0878	42.9793	102.9070	-2.1257	3.89797
-4.20	3.8394	38.3804	42.2198	100.4188	-1.9316	3.84717
-4.00	3.7673	37.3986	41.1659	97.6847	-1.7393	3.77658
-3.80	3.6725	36.1017	39.7742	94.6739	-1.5509	3.68324
-3.60	3.5546	34.4853	38.0399	91.3924	-1.3650	3.56679
-3.40	3.4171	32.5935	36.0106	87.8947	-1.1822	3.43041
-3.20	3.2662	30.5147	33.7809	84.2766	-1.0018	3.28045
-3.00	3.1102	28.3605	31.4707	80.6540	-0.8230	3.12496
-2.80	2.9569	26.2401	29.1970	77.1365	-0.6450	2.97181
-2.60	2.8127	24.2412	27.0538	73.8096	-0.4667	2.82739
-2.40	2.6816	22.4219	25.1035	70.7258	-0.2874	2.69588
-2.20	2.5658	20.8120	23.3777	67.9083	-0.1066	2.57944
-2.00	2.4656	19.4182	21.8839	65.3566	0.0761	2.47856
-1.80	2.3805	18.2320	20.6126	63.0551	0.2608	2.39262
-1.60	2.3091	17.2354	19.5445	60.9791	0.4476	2.32032
-1.40	2.2496	16.4055	18.6552	59.1000	0.6363	2.25998
-1.20	2.2004	15.7182	17.9185	57.3884	0.8267	2.20982
-1.00	2.1594	15.1492	17.3087	55.8159	1.0185	2.16801
-0.80	2.1251	14.6755	16.8006	54.3558	1.2115	2.13277
-0.60	2.0956	14.2746	16.3701	52.9832	1.4055	2.10231
-0.40	2.0690	13.9243	15.9934	51.6741	1.5999	2.07475
-0.20	2.0435	13.6019	15.6454	50.4047	1.7946	2.04806
0.0	2.0169	13.2827	15.2996	49.1504	1.9889	2.01991
0.20	1.9867	12.9401	14.9268	47.8858	2.1823	1.98769
0.40	1.9505	12.5467	14.4972	46.5856	2.3743	1.94861
0.60	1.9061	12.0781	13.9842	45.2287	2.5643	1.90018
0.80	1.8525	11.5191	13.3717	43.8039	2.7519	1.84087
1.00	1.7909	10.8700	12.6609	42.3156	2.9372	1.77085
1.20	1.7244	10.1485	11.8729	40.7846	3.1208	1.69217
1.40	1.6583	9.3854	11.0437	39.2428	3.3038	1.60833
1.60	1.5992	8.6164	10.2155	37.7242	3.4881	1.52334
1.80	1.5546	7.8737	9.4283	36.2561	3.6758	1.44075
2.00	1.5334	7.1815	8.7149	34.8540	3.8698	1.36317
2.20	1.5465	6.5558	8.1023	33.5207	4.0735	1.29220
2.40	1.6087	6.0080	7.6167	32.2487	4.2906	1.22879

T= 13300						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	4.0093	40.5308	44.5402	128.4916	-4.7095	4.00970
-6.80	4.0055	40.4295	44.4350	126.5448	-4.5099	4.00591
-6.60	4.0028	40.3631	44.3659	124.6345	-4.3102	4.00336
-6.40	4.0008	40.3176	44.3185	122.7461	-4.1104	4.00151
-6.20	3.9991	40.2837	44.2828	120.8702	-3.9106	3.99999
-6.00	3.9974	40.2540	44.2514	118.9992	-3.7108	3.99845
-5.80	3.9952	40.2225	44.2177	117.1273	-3.5110	3.99658
-5.60	3.9922	40.1825	44.1748	115.2481	-3.3113	3.99397
-5.40	3.9879	40.1259	44.1139	113.3540	-3.1118	3.99010
-5.20	3.9814	40.0414	44.0228	111.4343	-2.9125	3.98416
-5.00	3.9716	39.9125	43.8840	109.4740	-2.7136	3.97498
-4.80	3.9566	39.7153	43.6719	107.4510	-2.5152	3.96086
-4.60	3.9341	39.4162	43.3503	105.3347	-2.3177	3.93934
-4.40	3.9007	38.9701	42.8709	103.0840	-2.1214	3.90717
-4.20	3.8525	38.3219	42.1744	100.6499	-1.9268	3.86031
-4.00	3.7853	37.4135	41.1988	97.9820	-1.7344	3.79457
-3.80	3.6957	36.1992	39.8950	95.0443	-1.5448	3.70657
-3.60	3.5830	34.6649	38.2479	91.8331	-1.3583	3.59529
-3.40	3.4494	32.8433	36.2927	88.3915	-1.1748	3.46305
-3.20	3.3010	30.8133	34.1142	84.8066	-0.9939	3.31559
-3.00	3.1454	28.6826	31.8280	81.1913	-0.8149	3.16071
-2.80	2.9910	26.5621	29.5531	77.6579	-0.6367	3.00650
-2.60	2.8443	24.5448	27.3891	74.2974	-0.4586	2.85971
-2.40	2.7100	22.6952	25.4052	71.1694	-0.2796	2.72506
-2.20	2.5907	21.0486	23.6393	68.3029	-0.0991	2.60512
-2.00	2.4870	19.6165	22.1036	65.7022	0.0831	2.50073
-1.80	2.3987	18.3933	20.7920	63.3546	0.2674	2.41148
-1.60	2.3243	17.3627	19.6869	61.2370	0.4537	2.33619
-1.40	2.2622	16.5028	18.7651	59.3215	0.6420	2.27325
-1.20	2.2108	15.7898	18.0006	57.5789	0.8320	2.22087
-1.00	2.1681	15.1995	17.3676	55.9807	1.0235	2.17724
-0.80	2.1323	14.7086	16.8410	54.4998	1.2163	2.14055
-0.60	2.1017	14.2946	16.3964	53.1110	1.4100	2.10900
-0.40	2.0745	13.9353	16.0099	51.7902	1.6044	2.08073
-0.20	2.0487	13.6081	15.6568	50.5135	1.7989	2.05370
0.0	2.0222	13.2886	15.3109	49.2566	1.9933	2.02565
0.20	1.9926	12.9506	14.9432	47.9940	2.1869	1.99396
0.40	1.9573	12.5666	14.5240	46.7002	2.3791	1.95585
0.60	1.9143	12.1115	14.0258	45.3533	2.5695	1.90874
0.80	1.8623	11.5684	13.4307	43.9402	2.7575	1.85088
1.00	1.8021	10.9347	12.7368	42.4625	2.9432	1.78216
1.20	1.7365	10.2256	11.9622	40.9384	3.1271	1.70435
1.40	1.6708	9.4701	11.1410	39.3984	3.3104	1.62079
1.60	1.6116	8.7034	10.3150	37.8763	3.4947	1.53544
1.80	1.5564	7.9584	9.5249	36.4003	3.6824	1.45198
2.00	1.5442	7.2606	8.8049	34.9872	3.8762	1.37319
2.20	1.5561	6.6274	8.1835	33.6416	4.0795	1.30082
2.40	1.6170	6.0715	7.6885	32.3574	4.2961	1.23601

T= 13400						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	4.0116	40.3383	44.3499	128.6019	-4.7060	4.01193
-6.80	4.0069	40.2163	44.2232	126.6337	-4.5065	4.00735
-6.60	4.0038	40.1368	44.1406	124.7097	-4.3068	4.00431

T= 13400						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-6.40	4.0015	40.0834	44.0849	122.8130	-4.1071	4.00218
-6.20	3.9996	40.0449	44.0445	120.9322	-3.9073	4.00050
-6.00	3.9978	40.0132	44.0110	119.0590	-3.7075	3.99893
-5.80	3.9958	39.9816	43.9774	117.1868	-3.5077	3.99712
-5.60	3.9930	39.9436	43.9366	115.3093	-3.3080	3.99469
-5.40	3.9890	39.8914	43.8804	113.4191	-3.1084	3.99114
-5.20	3.9830	39.8145	43.7976	111.5065	-2.9091	3.98573
-5.00	3.9740	39.6978	43.6719	109.5574	-2.7101	3.97740
-4.80	3.9604	39.5195	43.4799	107.5519	-2.5116	3.96456
-4.60	3.9398	39.2484	43.1882	105.4615	-2.3138	3.94495
-4.40	3.9091	38.8424	42.7515	103.2477	-2.1172	3.91549
-4.20	3.8645	38.2486	42.1132	100.8634	-1.9222	3.87230
-4.00	3.8018	37.4092	41.2110	98.2579	-1.7293	3.81114
-3.80	3.7174	36.2744	39.9918	95.3908	-1.5390	3.72836
-3.60	3.6098	34.8215	38.4313	92.2499	-1.3518	3.62226
-3.40	3.4805	33.0721	36.5526	88.8671	-1.1677	3.49440
-3.20	3.3348	31.0952	34.4299	85.3204	-0.9862	3.34981
-3.00	3.1802	28.9933	32.1734	81.7182	-0.8063	3.19597
-2.80	3.0249	26.8778	29.9027	78.1736	-0.6286	3.04103
-2.60	2.8760	24.8462	27.7222	74.7837	-0.4505	2.89217
-2.40	2.7338	22.9691	25.7078	71.6142	-0.2717	2.75456
-2.20	2.6160	21.2878	23.9038	68.7006	-0.0916	2.63123
-2.00	2.5089	19.8184	22.3273	66.0518	0.0902	2.52337
-1.80	2.4172	18.5585	20.9758	63.6582	0.2740	2.43080
-1.60	2.3398	17.4940	19.8338	61.4989	0.4599	2.35250
-1.40	2.2752	16.6040	18.8792	59.5466	0.6477	2.28690
-1.20	2.2215	15.8650	18.0865	57.7726	0.8374	2.23226
-1.00	2.1770	15.2529	17.4299	56.1481	1.0286	2.18675
-0.80	2.1398	14.7444	16.8842	54.6459	1.2211	2.14856
-0.60	2.1081	14.3168	16.4249	53.2404	1.4146	2.11587
-0.40	2.0801	13.9480	16.0281	51.9073	1.6088	2.08682
-0.20	2.0540	13.6153	15.6693	50.6227	1.8033	2.05940
0.0	2.0275	13.2948	15.3223	49.3624	1.9977	2.03136
0.20	1.9984	12.9606	14.9589	48.1010	2.1914	2.00014
0.40	1.9641	12.5852	14.5493	46.8130	2.3839	1.96294
0.60	1.9223	12.1430	14.0653	45.4756	2.5745	1.91709
0.80	1.8718	11.6153	13.4871	44.0740	2.7630	1.86069
1.00	1.8130	10.9972	12.8102	42.6072	2.9491	1.79330
1.20	1.7485	10.3009	12.0495	41.0908	3.1334	1.71644
1.40	1.6834	9.5537	11.2371	39.5535	3.3169	1.63323
1.60	1.6240	8.7900	10.4141	38.0287	3.5013	1.54761
1.80	1.5783	8.0434	9.6217	36.5454	3.6889	1.46335
2.00	1.5552	7.3403	8.8956	35.1219	3.8825	1.38337
2.20	1.5660	6.6998	8.2657	33.7643	4.0855	1.30963
2.40	1.6254	6.1362	7.7616	32.4681	4.3017	1.24342

T= 13500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	4.0143	40.1605	44.1748	128.7234	-4.7025	4.01460
-6.80	4.0086	40.0138	44.0225	126.7294	-4.5031	4.00908
-6.60	4.0049	39.9187	43.9236	124.7892	-4.3035	4.00544
-6.40	4.0023	39.8556	43.8578	122.8824	-4.1038	4.00295
-6.20	4.0002	39.8114	43.8116	120.9955	-3.9040	4.00107
-6.00	3.9983	39.7767	43.7751	119.1192	-3.7042	3.99942

T = 13500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.80	3.9963	39.7445	43.7408	117.2461	-3.5044	3.99764
-5.60	3.9937	39.7079	43.7015	115.3696	-3.3047	3.99536
-5.40	3.9900	39.6593	43.6493	113.4827	-3.1051	3.99208
-5.20	3.9845	39.5890	43.5735	111.5761	-2.9057	3.98715
-5.00	3.9762	39.4831	43.4593	109.6371	-2.7066	3.97957
-4.80	3.9637	39.3215	43.2853	107.6471	-2.5080	3.96789
-4.60	3.9448	39.0757	43.0205	105.5799	-2.3100	3.95000
-4.40	3.9167	38.7061	42.6227	103.3997	-2.1131	3.92302
-4.20	3.8755	38.1624	42.0378	101.0612	-1.9177	3.88323
-4.00	3.8171	37.3874	41.2045	98.5142	-1.7243	3.82641
-3.80	3.7377	36.3287	40.0663	95.7151	-1.5335	3.74866
-3.60	3.6351	34.9561	38.5912	92.6439	-1.3455	3.64776
-3.40	3.5103	33.2804	36.7906	89.3221	-1.1607	3.52446
-3.20	3.3676	31.3603	34.7279	85.8177	-0.9787	3.38306
-3.00	3.2144	29.2921	32.5064	82.2337	-0.7990	3.23066
-2.80	3.0536	27.1865	30.2451	78.6834	-0.6205	3.07538
-2.60	2.9079	25.1447	28.0526	75.2681	-0.4425	2.92473
-2.40	2.7678	23.2432	26.0110	72.0602	-0.2639	2.78436
-2.20	2.6418	21.5292	24.1710	69.1012	-0.0842	2.65775
-2.00	2.5312	20.0237	22.5549	66.4052	0.0973	2.54647
-1.80	2.4352	18.7278	21.1640	63.9660	0.2806	2.45059
-1.60	2.3558	17.6293	19.9852	61.7648	0.4661	2.36923
-1.40	2.2885	16.7090	18.9975	59.7755	0.6535	2.30094
-1.20	2.2326	15.9437	18.1762	57.9696	0.8427	2.24399
-1.00	2.1861	15.3095	17.4956	56.3183	1.0336	2.19654
-0.80	2.1474	14.7829	16.9302	54.7941	1.2258	2.15679
-0.60	2.1145	14.3411	16.4557	53.3712	1.4191	2.12290
-0.40	2.0853	13.9621	16.0479	52.0251	1.6132	2.09301
-0.20	2.0592	13.6233	15.6825	50.7319	1.8076	2.06512
0.0	2.0327	13.3009	15.3336	49.4673	2.0020	2.03701
0.20	2.0040	12.9694	14.9733	48.2062	2.1958	2.00615
0.40	1.9705	12.6015	14.5719	46.9229	2.3885	1.96975
0.60	1.9299	12.1710	14.1009	45.5940	2.5795	1.92508
0.80	1.8809	11.6579	13.5388	44.2030	2.7683	1.87005
1.00	1.8235	11.0549	12.8783	42.7468	2.9548	1.80399
1.20	1.7601	10.3715	12.1316	41.2381	3.1395	1.72809
1.40	1.6955	9.6330	11.3285	39.7040	3.3232	1.64531
1.60	1.6362	8.8731	10.5093	38.1772	3.5078	1.55951
1.80	1.5900	8.1255	9.7155	36.6873	3.6953	1.47452
2.00	1.5661	7.4180	8.9840	35.2542	3.8887	1.39344
2.20	1.5757	6.7707	8.3464	33.8850	4.0914	1.31836
2.40	1.6337	6.2001	7.8338	32.5775	4.3071	1.25082

T = 13600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	4.0174	39.9991	44.0166	128.8578	-4.6989	4.01779
-6.80	4.0107	39.8232	43.8339	126.8335	-4.4996	4.01113
-6.60	4.0062	39.7094	43.7156	124.8738	-4.3001	4.00677
-6.40	4.0032	39.6346	43.6378	122.9548	-4.1005	4.00384
-6.20	4.0009	39.5834	43.5843	121.0606	-3.9007	4.00171
-6.00	3.9989	39.5450	43.5439	119.1802	-3.7009	3.99995
-5.80	3.9968	39.5113	43.5081	117.3054	-3.5011	3.99816
-5.60	3.9943	39.4754	43.4697	115.4294	-3.3014	3.99598
-5.40	3.9908	39.4297	43.4206	113.5451	-3.1018	3.99295

T= 13600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-5.20	3.9858	39.3651	43.3509	111.6437	-2.9023	3.98843
-5.00	3.9782	39.2637	43.2469	109.7134	-2.7032	3.98152
-4.80	3.9668	39.1221	43.0888	107.7372	-2.5044	3.97088
-4.60	3.9494	38.8988	42.8483	105.6909	-2.3063	3.95456
-4.40	3.9235	38.5622	42.4857	103.5411	-2.1092	3.92984
-4.20	3.8855	38.0645	41.9500	101.2447	-1.9134	3.89319
-4.00	3.8311	37.3497	41.1808	98.7524	-1.7195	3.84045
-3.80	3.7565	36.3634	40.1200	96.0182	-1.5281	3.76756
-3.60	3.6590	35.0694	38.7284	93.0157	-1.3395	3.67180
-3.40	3.5388	33.4682	37.0070	89.7564	-1.1540	3.55320
-3.20	3.3995	31.6082	35.0077	86.2980	-0.9714	3.41530
-3.00	3.2479	29.5783	32.8262	82.7372	-0.7913	3.26470
-2.80	3.0921	27.4875	30.5796	79.1861	-0.6126	3.10945
-2.60	2.9398	25.4398	28.3796	75.7498	-0.4345	2.95734
-2.40	2.7971	23.5171	26.3142	72.5066	-0.2561	2.81442
-2.20	2.6679	21.7725	24.4404	69.5043	-0.0767	2.68466
-2.00	2.5539	20.2321	22.7860	66.7621	0.1043	2.57001
-1.80	2.4556	18.9007	21.3563	64.2778	0.2873	2.47083
-1.60	2.3722	17.7686	20.1408	62.0347	0.4723	2.38641
-1.40	2.3022	16.8178	19.1200	60.0080	0.6593	2.31538
-1.20	2.2439	16.0259	18.2698	58.1697	0.8481	2.25606
-1.00	2.1955	15.3691	17.5647	56.4911	1.0387	2.20663
-0.80	2.1552	14.8240	16.9792	54.9445	1.2306	2.16526
-0.60	2.1212	14.3677	16.4889	53.5038	1.4237	2.13011
-0.40	2.0915	13.9780	16.0695	52.1442	1.6176	2.09933
-0.20	2.0645	13.6324	15.6969	50.8417	1.8119	2.07091
0.0	2.0379	13.3076	15.3454	49.5722	2.0063	2.04267
0.20	2.0095	12.9780	14.9875	48.3106	2.2002	2.01211
0.40	1.9767	12.6168	14.5936	47.0314	2.3931	1.97644
0.60	1.9374	12.1974	14.1348	45.7104	2.5843	1.93289
0.80	1.8897	11.6985	13.5882	44.3299	2.7735	1.87923
1.00	1.8337	11.1105	12.9442	42.8843	2.9605	1.81451
1.20	1.7715	10.4404	12.2119	41.3840	3.1455	1.73965
1.40	1.7076	9.7112	11.4188	39.8538	3.3295	1.65737
1.60	1.6484	8.9557	10.6040	38.3258	3.5142	1.57146
1.80	1.6018	8.2077	9.8095	36.8302	3.7017	1.48582
2.00	1.5770	7.4962	9.0732	35.3877	3.8950	1.40366
2.20	1.5856	6.8426	8.4282	34.0075	4.0973	1.32729
2.40	1.6422	6.2651	7.9074	32.6890	4.3126	1.25842

T= 13700						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	4.0212	39.8560	43.8772	129.0072	-4.6953	4.02157
-6.80	4.0131	39.6456	43.6588	126.9470	-4.4962	4.01357
-6.60	4.0078	39.5097	43.5176	124.9643	-4.2968	4.00835
-6.40	4.0042	39.4210	43.4253	123.0308	-4.0972	4.00489
-6.20	4.0016	39.3613	43.3629	121.1276	-3.8974	4.00244
-6.00	3.9995	39.3180	43.3175	119.2421	-3.6977	4.00052
-5.80	3.9974	39.2822	43.2796	117.3649	-3.4979	3.99869
-5.60	3.9949	39.2463	43.2412	115.4886	-3.2982	3.99658
-5.40	3.9917	39.2028	43.1945	113.6062	-3.0985	3.99375
-5.20	3.9870	39.1430	43.1300	111.7092	-2.8990	3.98960
-5.00	3.9800	39.0550	43.0350	109.7865	-2.6998	3.98328
-4.80	3.9695	38.9216	42.8911	107.8226	-2.5009	3.97357

T= 13700						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-4.60	3.9536	38.7187	42.6722	105.7950	-2.3027	3.95866
-4.40	3.9297	38.4119	42.3416	103.6727	-2.1053	3.93601
-4.20	3.8946	37.9562	41.8508	101.4149	-1.9092	3.90226
-4.00	3.8440	37.2973	41.1414	98.9735	-1.7149	3.85334
-3.80	3.7740	36.3797	40.1537	96.3009	-1.5229	3.78509
-3.60	3.6815	35.1619	38.8434	93.3655	-1.3337	3.69439
-3.40	3.5659	33.6355	37.2014	90.1694	-1.1475	3.58058
-3.20	3.4303	31.8381	35.2684	86.7604	-0.9643	3.44644
-3.00	3.2807	29.8508	33.1315	83.2274	-0.7837	3.29800
-2.80	3.1252	27.7794	30.9046	79.6809	-0.6048	3.14318
-2.60	2.9716	25.7300	28.7017	76.2275	-0.4267	2.98988
-2.40	2.8266	23.7895	26.6160	72.9523	-0.2484	2.84465
-2.20	2.6943	22.0167	24.7110	69.9089	-0.0692	2.71190
-2.00	2.5770	20.4429	23.0199	67.1219	0.1114	2.59395
-1.80	2.4755	19.0767	21.5522	64.5930	0.2940	2.49149
-1.60	2.3890	17.9113	20.3003	62.3081	0.4785	2.40398
-1.40	2.3152	16.9300	19.2462	60.2439	0.6651	2.33018
-1.20	2.2556	16.1113	18.3669	58.3729	0.8536	2.26846
-1.00	2.2052	15.4317	17.6369	56.6656	1.0438	2.21699
-0.80	2.1632	14.8677	17.0310	55.0970	1.2354	2.17396
-0.60	2.1279	14.3964	16.5244	53.6378	1.4283	2.13751
-0.40	2.0974	13.9955	16.0929	52.2641	1.6220	2.10577
-0.20	2.0698	13.6427	15.7124	50.9518	1.8162	2.07676
0.0	2.0430	13.3146	15.3576	49.6767	2.0106	2.04832
0.20	2.0149	12.9862	15.0011	48.4139	2.2046	2.01798
0.40	1.9828	12.6309	14.6137	47.1379	2.3976	1.98296
0.60	1.9445	12.2216	14.1662	45.8241	2.5891	1.94047
0.80	1.8982	11.7362	13.6345	44.4535	2.7787	1.88811
1.00	1.8436	11.1630	13.0056	43.0183	2.9660	1.82473
1.20	1.7826	10.5062	12.2889	41.5264	3.1514	1.75094
1.40	1.7194	9.7868	11.5062	40.0006	3.3357	1.66923
1.60	1.6604	9.0362	10.6966	38.4721	3.5205	1.58330
1.80	1.6134	8.2886	9.9020	36.9712	3.7081	1.49707
2.00	1.5880	7.5736	9.1616	35.5201	3.9012	1.41390
2.20	1.5955	6.9142	8.5096	34.1292	4.1032	1.33627
2.40	1.6507	6.3304	7.9812	32.8001	4.3180	1.26613

T= 13800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	4.0257	39.7334	43.7591	129.1741	-4.6917	4.02605
-6.80	4.0160	39.4827	43.4987	127.0718	-4.4927	4.01646
-6.60	4.0097	39.3207	43.3304	125.0319	-4.2934	4.01022
-6.40	4.0054	39.2154	43.2209	123.1112	-4.0939	4.00611
-6.20	4.0025	39.1454	43.1479	121.1973	-3.8942	4.00328
-6.00	4.0001	39.0961	43.0962	119.3054	-3.6944	4.00114
-5.80	3.9979	39.0573	43.0552	117.4249	-3.4947	3.99924
-5.60	3.9955	39.0207	43.0162	115.5477	-3.2949	3.99717
-5.40	3.9924	38.9788	42.9712	113.6665	-3.0953	3.99450
-5.20	3.9891	38.9230	42.9111	111.7731	-2.8958	3.99066
-5.00	3.9816	38.8422	42.8239	109.8571	-2.6965	3.98487
-4.80	3.9719	38.7207	42.6927	107.9040	-2.4975	3.97599
-4.60	3.9573	38.5359	42.4932	105.8932	-2.2991	3.96236
-4.40	3.9354	38.2562	42.1915	103.7958	-2.1015	3.94160
-4.20	3.9028	37.8390	41.7415	101.5733	-1.9051	3.91051

T= 13800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-4.00	3.8559	37.2319	41.0878	99.1791	-1.7104	3.86517
-3.80	3.7902	36.3792	40.1694	96.5650	-1.5179	3.80135
-3.60	3.7026	35.2351	38.9377	93.6947	-1.3280	3.71560
-3.40	3.5918	33.7831	37.3749	90.5623	-1.1412	3.60563
-3.20	3.4600	32.0504	35.5104	87.2051	-0.9574	3.47647
-3.00	3.3128	30.1095	33.4223	83.7042	-0.7763	3.33053
-2.80	3.1579	28.0621	31.2200	80.1666	-0.5971	3.17648
-2.60	3.0034	25.0153	29.0187	76.7009	-0.4189	3.02234
-2.40	2.8562	24.0603	26.9165	73.3972	-0.2407	2.87504
-2.20	2.7210	22.2618	24.9828	70.3150	-0.0618	2.73944
-2.00	2.6005	20.6561	23.2566	67.4845	0.1185	2.61829
-1.80	2.4957	19.2560	21.7518	64.9117	0.3007	2.51257
-1.60	2.4061	18.0576	20.4637	62.5851	0.4848	2.42198
-1.40	2.3306	17.0458	19.3764	60.4832	0.6709	2.34538
-1.20	2.2675	16.2001	18.4677	58.5792	0.8590	2.28120
-1.00	2.2151	15.4974	17.7125	56.8447	1.0489	2.22765
-0.80	2.1715	14.9141	17.0856	55.2517	1.2402	2.18290
-0.60	2.1349	14.4274	16.5623	53.7736	1.4328	2.14509
-0.40	2.1034	14.0148	16.1182	52.3853	1.6264	2.11234
-0.20	2.0751	13.6541	15.7292	51.0625	1.8205	2.08269
0.0	2.0481	13.3221	15.3703	49.7811	2.0148	2.05398
0.20	2.0201	12.9942	15.0144	48.5164	2.2089	2.02378
0.40	1.9887	12.6438	14.6325	47.2427	2.4020	1.98934
0.60	1.9514	12.2439	14.1954	45.9352	2.5938	1.94781
0.80	1.9065	11.7713	13.6777	44.5739	2.7837	1.89672
1.00	1.8533	11.2124	13.0656	43.1490	2.9714	1.83465
1.20	1.7934	10.5690	12.3625	41.6657	3.1572	1.76196
1.40	1.7310	9.8597	11.5907	40.1448	3.3418	1.68089
1.60	1.6722	9.1147	10.7870	38.6164	3.5268	1.59500
1.80	1.6250	8.3680	9.9931	37.1111	3.7143	1.50825
2.00	1.5989	7.6502	9.2491	35.6518	3.9073	1.42415
2.20	1.6054	6.9855	8.5908	34.2508	4.1090	1.34531
2.40	1.6592	6.3960	8.0552	32.9117	4.3234	1.27394

T= 13900						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	4.0310	39.6337	43.6647	129.3607	-4.6880	4.03134
-6.80	4.0195	39.3359	43.3553	127.2094	-4.4892	4.01988
-6.60	4.0119	39.1433	43.1552	125.1677	-4.2900	4.01243
-6.40	4.0069	39.0184	43.0253	123.1965	-4.0906	4.00755
-6.20	4.0034	38.9362	42.9396	121.2698	-3.8909	4.00425
-6.00	4.0008	38.8795	42.8804	119.3702	-3.6912	4.00184
-5.80	3.9985	38.8367	42.8353	117.4855	-3.4915	3.99982
-5.60	3.9961	38.7988	42.7949	115.6066	-3.2917	3.99775
-5.40	3.9932	38.7577	42.7509	113.7260	-3.0921	3.99520
-5.20	3.9891	38.7053	42.6943	111.8355	-2.8925	3.99163
-5.00	3.9831	38.6308	42.6139	109.9252	-2.6932	3.98631
-4.80	3.9742	38.5197	42.4938	107.9817	-2.4941	3.97818
-4.60	3.9607	38.3511	42.3119	105.9859	-2.2956	3.96570
-4.40	3.9405	38.0958	42.0363	103.9110	-2.0978	3.94666
-4.20	3.9104	37.7137	41.6241	101.7207	-1.9012	3.91803
-4.00	3.8667	37.1545	41.0213	99.3702	-1.7060	3.87601
-3.80	3.8053	36.3628	40.1680	96.8111	-1.5130	3.81639
-3.60	3.7224	35.2897	39.0121	94.0038	-1.3226	3.73545

T= 13900						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-3.40	3.6163	33.9112	37.5275	90.9347	-1.1351	3.63134
-3.20	3.4886	32.2447	35.7333	87.6314	-0.9507	3.50533
-3.00	3.3440	30.3535	33.6975	84.1664	-0.7691	3.36220
-2.80	3.1901	28.3344	31.5245	80.6425	-0.5896	3.20927
-2.60	3.0350	26.2944	29.3294	77.1688	-0.4112	3.05462
-2.40	2.8859	24.3285	27.2144	73.8400	-0.2331	2.90551
-2.20	2.7479	22.5068	25.2547	70.7215	-0.0544	2.76723
-2.00	2.6243	20.8709	23.4952	67.8492	0.1256	2.64297
-1.80	2.5163	19.4380	21.9543	65.2333	0.3074	2.53404
-1.60	2.4236	18.2070	20.6306	62.8654	0.4911	2.44036
-1.40	2.3453	17.1649	19.5102	60.7257	0.6768	2.36094
-1.20	2.2798	16.2921	18.5719	58.7884	0.8645	2.29427
-1.00	2.2253	15.5659	17.7912	57.0253	1.0540	2.23860
-0.80	2.1800	14.9631	17.1430	55.4085	1.2451	2.19208
-0.60	2.1420	14.4605	16.6025	53.9110	1.4374	2.15287
-0.40	2.1095	14.0359	16.1453	52.5076	1.6308	2.11906
-0.20	2.0806	13.6668	15.7474	51.1739	1.8248	2.08871
0.0	2.0533	13.3305	15.3837	49.8957	2.0191	2.05968
0.20	2.0254	13.0024	15.0278	48.6184	2.2131	2.02956
0.40	1.9945	12.6562	14.6507	47.3465	2.4064	1.99563
0.60	1.9582	12.2650	14.2232	46.0449	2.5985	1.95503
0.80	1.9145	11.8047	13.7192	44.6925	2.7887	1.90516
1.00	1.8627	11.2599	13.1226	43.2778	2.9767	1.84442
1.20	1.8041	10.6301	12.4342	41.8035	3.1629	1.77287
1.40	1.7426	9.9314	11.6739	40.2982	3.3478	1.69251
1.60	1.6841	9.1926	10.8767	38.7607	3.5330	1.60675
1.80	1.6367	8.4474	10.0341	37.2515	3.7206	1.51957
2.00	1.6099	7.7271	9.3371	35.7847	3.9134	1.43455
2.20	1.6154	7.0575	8.6729	34.3739	4.1149	1.35453
2.40	1.6679	6.4627	8.1305	33.0253	4.3288	1.28197

T= 14000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	4.0372	33.5798	43.6170	129.5906	-4.6842	4.03755
-6.80	4.0235	33.2274	43.2509	127.3324	-4.4857	4.02391
-6.60	4.0145	38.9989	43.0134	125.3032	-4.2866	4.01504
-6.40	4.0086	38.8510	42.8536	123.3080	-4.0873	4.00924
-6.20	4.0046	38.7542	42.7587	121.3661	-3.8877	4.00537
-6.00	4.0016	38.6886	42.6902	119.4572	-3.6880	4.00263
-5.80	3.9992	38.6408	42.6399	117.5671	-3.4883	4.00044
-5.60	3.9967	38.6006	42.5973	115.6858	-3.2886	3.99833
-5.40	3.9939	38.5598	42.5536	113.8050	-3.0889	3.99587
-5.20	3.9900	38.5098	42.4998	111.9166	-2.8893	3.99253
-5.00	3.9844	38.4407	42.4251	110.0112	-2.6899	3.98762
-4.80	3.9762	38.3387	42.3149	108.0761	-2.4908	3.98017
-4.60	3.9638	38.1846	42.1484	106.0936	-2.2922	3.96873
-4.40	3.9451	37.9512	41.8363	104.0388	-2.0942	3.95124
-4.20	3.9173	37.6008	41.5181	101.8776	-1.8973	3.92487
-4.00	3.8767	37.0855	40.9522	99.5671	-1.7018	3.88595
-3.80	3.8192	36.3504	40.1696	97.0592	-1.5083	3.83031
-3.60	3.7409	35.3445	39.0853	94.3117	-1.3173	3.75402
-3.40	3.6396	34.0373	37.6768	91.3042	-1.1292	3.65474
-3.20	3.5160	32.4368	35.9528	88.0552	-0.9442	3.53304
-3.00	3.3744	30.5968	33.9713	84.6281	-0.7621	3.39300

T= 14000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-2.80	3.2218	28.6085	31.8303	81.1207	-0.5822	3.24152
-2.60	3.0664	26.5779	29.6443	77.6418	-0.4036	3.08669
-2.40	2.9156	24.6032	27.5188	74.2900	-0.2255	2.93602
-2.20	2.7751	22.7595	25.5346	71.1365	-0.0470	2.79526
-2.00	2.6485	21.0939	23.7424	68.2227	0.1327	2.66800
-1.80	2.5372	19.6281	22.1653	65.5634	0.3141	2.55590
-1.60	2.4415	18.3640	20.8056	63.1535	0.4974	2.45914
-1.40	2.3604	17.2909	19.6513	60.9753	0.6827	2.37687
-1.20	2.2924	16.3902	18.6826	59.0037	0.8700	2.30768
-1.00	2.2357	15.6399	17.8756	57.2111	1.0591	2.24984
-0.80	2.1886	15.0166	17.2053	55.5695	1.2499	2.20151
-0.60	2.1492	14.4975	16.6468	54.0518	1.4420	2.16083
-0.40	2.1157	14.0600	16.1756	52.6324	1.6352	2.12592
-0.20	2.0860	13.6818	15.7678	51.2869	1.8290	2.09481
0.0	2.0584	13.3402	15.3986	49.9910	2.0233	2.06538
0.20	2.0306	13.0109	15.0415	48.7202	2.2173	2.03526
0.40	2.0021	12.6680	14.6681	47.4490	2.4108	2.00175
0.60	1.9647	12.2844	14.2490	46.1522	2.6030	1.96197
0.80	1.9221	11.8353	13.7574	44.8078	2.7935	1.91325
1.00	1.8717	11.3039	13.1756	43.4026	2.9820	1.85379
1.20	1.8143	10.6873	12.5017	41.9371	3.1684	1.78338
1.40	1.7537	9.9993	11.7530	40.4274	3.3537	1.70375
1.60	1.6956	9.2671	10.9627	38.9012	3.5391	1.61819
1.80	1.6481	8.5240	10.1722	37.3988	3.7267	1.53064
2.00	1.6207	7.8021	9.4228	35.9151	3.9194	1.44480
2.20	1.6253	7.1281	8.7534	34.4953	4.1207	1.36367
2.40	1.6763	6.5288	8.2051	33.1378	4.3341	1.29000

T= 14100						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	4.0445	39.5137	43.5581	129.3059	-4.6803	4.04482
-6.80	4.0282	39.0984	43.1267	127.5321	-4.4821	4.02864
-6.60	4.0176	38.8285	42.8461	125.4097	-4.2832	4.01810
-6.40	4.0106	38.6537	42.6643	123.3865	-4.0840	4.01123
-6.20	4.0059	38.5398	42.5456	121.4267	-3.8845	4.00668
-6.00	4.0025	38.4637	42.4662	119.5067	-3.6848	4.00353
-5.80	3.9998	38.4097	42.4095	117.6101	-3.4851	4.00112
-5.60	3.9973	38.3665	42.3638	115.7255	-3.2854	3.99893
-5.40	3.9945	38.3251	42.3197	113.8439	-3.0857	3.99652
-5.20	3.9909	38.2771	42.2679	111.9571	-2.8861	3.99337
-5.00	3.9857	38.2125	42.1982	110.0558	-2.6867	3.98982
-4.80	3.9780	38.1188	42.0968	108.1282	-2.4875	3.98197
-4.60	3.9666	37.9779	41.9444	106.1578	-2.2888	3.97147
-4.40	3.9493	37.7645	41.7138	104.1215	-2.0907	3.95541
-4.20	3.9236	37.4435	41.3671	101.9874	-1.8935	3.93111
-4.00	3.8858	36.9693	40.8552	99.7145	-1.6977	3.89507
-3.80	3.8320	35.2884	40.1204	97.2557	-1.5037	3.84317
-3.60	3.7581	35.3480	39.1062	94.5568	-1.3122	3.77137
-3.40	3.6615	34.1125	37.7740	91.6218	-1.1235	3.67687
-3.20	3.5423	32.5808	36.1231	88.4306	-0.9379	3.55958
-3.00	3.4039	30.7976	34.2014	85.0473	-0.7552	3.42287
-2.80	3.2530	28.8468	32.0998	81.5634	-0.5749	3.27318
-2.60	3.0975	26.8327	29.9303	78.0866	-0.3962	3.11849
-2.40	2.9453	24.8558	27.8011	74.7185	-0.2180	2.96655

T= 14100

LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-2.20	2.8025	22.9957	25.7982	71.5355	-0.0396	2.82348
-2.00	2.6729	21.3049	23.9778	68.5845	0.1398	2.69334
-1.80	2.5586	19.8095	22.3680	65.8851	0.3208	2.57813
-1.60	2.4598	18.5149	20.9747	63.4356	0.5037	2.47830
-1.40	2.3758	17.4126	19.7884	61.2204	0.6986	2.39318
-1.20	2.3053	16.4853	18.7906	59.2158	0.8755	2.32143
-1.00	2.2465	15.7117	17.9582	57.3945	1.0643	2.26138
-0.80	2.1976	15.0688	17.2663	55.7286	1.2548	2.21120
-0.60	2.1567	14.5335	16.6902	54.1910	1.4466	2.16902
-0.40	2.1220	14.0833	16.2053	52.7559	1.6396	2.13294
-0.20	2.0916	13.6961	15.7877	51.3986	1.8333	2.10102
0.0	2.0636	13.3491	15.4127	50.0949	2.0274	2.07115
0.20	2.0357	13.0185	15.0542	48.8203	2.2215	2.04097
0.40	2.0056	12.6784	14.6840	47.5496	2.4151	2.00782
0.60	1.9710	12.3019	14.2729	46.2572	2.6075	1.96881
0.80	1.9296	11.8638	13.7934	44.9206	2.7983	1.92120
1.00	1.8895	11.3457	13.2262	43.5249	2.9871	1.86301
1.20	1.8244	10.7425	12.5669	42.0684	3.1739	1.79377
1.40	1.7647	10.0656	11.8303	40.5651	3.3595	1.71496
1.60	1.7071	9.3406	11.0478	39.0409	3.5451	1.62967
1.80	1.6596	8.6003	10.2599	37.5259	3.7328	1.54192
2.00	1.6317	7.8771	9.5088	36.0458	3.9255	1.45520
2.20	1.6353	7.1994	8.8347	34.6173	4.1264	1.37299
2.40	1.6948	6.5961	8.2809	33.2516	4.3394	1.29828

T= 14200

LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	4.0530	39.4993	43.5523	130.0708	-4.6763	4.05330
-6.80	4.0338	39.0121	43.0458	127.7218	-4.4784	4.03419
-6.60	4.0212	38.6940	42.7152	125.5492	-4.2798	4.02169
-6.40	4.0129	38.4878	42.5007	123.4932	-4.0806	4.01355
-6.20	4.0074	38.3538	42.3612	121.5125	-3.8812	4.00820
-6.00	4.0036	38.2651	42.2687	119.5793	-3.6817	4.00456
-5.80	4.0006	38.2036	42.2042	117.6748	-3.4820	4.00187
-5.60	3.9980	38.1564	42.1544	115.7859	-3.2823	3.99956
-5.40	3.9952	38.1138	42.1090	113.9028	-3.0826	3.99717
-5.20	3.9917	38.0669	42.0586	112.0168	-2.8830	3.99416
-5.00	3.9868	38.0062	41.9930	110.1189	-2.6835	3.98993
-4.80	3.9797	37.9195	41.8992	108.1977	-2.4843	3.98361
-4.60	3.9691	37.7902	41.7593	106.2380	-2.2854	3.97396
-4.40	3.9531	37.5948	41.5479	104.2181	-2.0872	3.95919
-4.20	3.9293	37.3003	41.2296	102.1084	-1.8898	3.93679
-4.00	3.8942	36.8636	40.7579	99.8697	-1.6937	3.90342
-3.80	3.8439	36.2326	40.0765	97.4562	-1.4993	3.85505
-3.60	3.7743	35.3538	39.1281	94.8225	-1.3073	3.78754
-3.40	3.6823	34.1870	37.8693	91.9378	-1.1180	3.69775
-3.20	3.5674	32.7231	36.2905	88.8037	-0.9318	3.58494
-3.00	3.4324	30.9971	34.4295	85.4653	-0.7485	3.45179
-2.80	3.2934	29.0859	32.3693	82.0072	-0.5678	3.30419
-2.60	3.1283	27.0907	30.2190	78.5355	-0.3888	3.14997
-2.40	2.9750	25.1135	28.0896	75.1529	-0.2106	2.99701
-2.20	2.8300	23.2386	26.0686	71.9417	-0.0323	2.85186
-2.00	2.6976	21.5233	24.2209	68.9542	0.1469	2.71896
-1.80	2.5802	19.9984	22.5786	66.2147	0.3275	2.60071

T= 14200						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-1.60	2.4784	18.6731	21.1514	63.7252	0.5100	2.49784
-1.40	2.3915	17.5410	19.9326	61.4724	0.6946	2.40985
-1.20	2.3185	16.5865	18.9050	59.4338	0.8811	2.33552
-1.00	2.2574	15.7889	18.0463	57.5830	1.0695	2.27321
-0.80	2.2067	15.1255	17.3321	55.8921	1.2596	2.22113
-0.60	2.1643	14.5733	16.7376	54.3337	1.4512	2.17740
-0.40	2.1284	14.1098	16.2383	52.8820	1.6439	2.14012
-0.20	2.0972	13.7128	15.8101	51.5122	1.8375	2.10734
0.0	2.0687	13.3598	15.4285	50.1999	2.0316	2.07696
0.20	2.0408	13.0269	15.0677	48.9208	2.2257	2.04666
0.40	2.0110	12.6889	14.6999	47.6497	2.4193	2.01380
0.60	1.9771	12.3187	14.2958	46.3610	2.6119	1.97550
0.80	1.9369	11.8907	13.8275	45.0314	2.8030	1.92894
1.00	1.8890	11.3853	13.2743	43.6448	2.9921	1.87198
1.20	1.8342	10.7953	12.6295	42.1973	3.1793	1.80392
1.40	1.7755	10.1297	11.9052	40.7004	3.3652	1.72596
1.60	1.7185	9.4123	11.1308	39.1787	3.5510	1.64100
1.80	1.6709	8.6753	10.3462	37.6618	3.7388	1.55292
2.00	1.6426	7.9514	9.5940	36.1760	3.9314	1.46560
2.20	1.6453	7.2704	8.9156	34.7393	4.1321	1.38237
2.40	1.6933	6.6639	8.3572	33.3661	4.3446	1.30669

T= 14300						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	4.0628	39.5196	43.5823	130.3682	-4.6722	4.06312
-6.80	4.0402	38.9503	42.9905	127.9335	-4.4747	4.04065
-6.60	4.0254	38.5769	42.6023	125.7032	-4.2763	4.02590
-6.40	4.0156	38.3343	42.3499	123.6092	-4.0773	4.01628
-6.20	4.0092	38.1768	42.1860	121.6040	-3.8780	4.00997
-6.00	4.0047	38.0734	42.0781	119.6554	-3.6785	4.00574
-5.80	4.0015	38.0029	42.0043	117.7414	-3.4788	4.00270
-5.60	3.9987	37.9507	41.9494	115.8471	-3.2791	4.00023
-5.40	3.9959	37.9060	41.9019	113.9616	-3.0794	3.99781
-5.20	3.9925	37.8596	41.8520	112.0758	-2.8798	3.99492
-5.00	3.9879	37.8019	41.7897	110.1805	-2.6803	3.99095
-4.80	3.9812	37.7213	41.7026	108.2649	-2.4810	3.98510
-4.60	3.9714	37.6024	41.5738	106.3146	-2.2821	3.97622
-4.40	3.9566	37.4231	41.3797	104.3096	-2.0837	3.96262
-4.20	3.9345	37.1528	41.0873	102.2220	-1.8862	3.94195
-4.00	3.9019	36.7505	40.6524	100.0148	-1.6898	3.91106
-3.80	3.8549	36.1659	40.0208	97.6435	-1.4950	3.86600
-3.60	3.7893	35.3454	39.1347	95.0621	-1.3025	3.80259
-3.40	3.7018	34.2449	37.9468	92.2358	-1.1126	3.71740
-3.20	3.5913	32.8483	36.4396	89.1590	-0.9258	3.60911
-3.00	3.4600	31.1812	34.6411	85.8675	-0.7420	3.47969
-2.80	3.3132	29.3126	32.6258	82.4388	-0.5608	3.33447
-2.60	3.1587	27.3400	30.4988	78.9759	-0.3815	3.18103
-2.40	3.0046	25.3663	28.3709	75.5828	-0.2033	3.02734
-2.20	2.8576	23.4794	26.3370	72.3464	-0.0251	2.88032
-2.00	2.7225	21.7417	24.4642	69.3244	0.1539	2.74481
-1.80	2.6021	20.1888	22.7909	66.5461	0.3343	2.62360
-1.60	2.4973	18.8335	21.3307	64.0172	0.5164	2.51771
-1.40	2.4076	17.6720	20.0797	61.7269	0.7005	2.42685
-1.20	2.3319	16.6904	19.0223	59.6545	0.8866	2.34992

T= 14300

LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-1.00	2.2687	15.8687	18.1373	57.7739	1.0747	2.28533
-0.80	2.2160	15.1846	17.4006	56.0575	1.2645	2.23131
-0.60	2.1721	14.6152	16.7873	54.4781	1.4558	2.18599
-0.40	2.1350	14.1381	16.2731	53.0094	1.6483	2.14746
-0.20	2.1030	13.7310	15.8339	51.6266	1.8418	2.11376
0.0	2.0739	13.3713	15.4452	50.3053	2.0357	2.08283
0.20	2.0458	13.0357	15.0815	49.0211	2.2298	2.05234
0.40	2.0163	12.6989	14.7153	47.7489	2.4235	2.01970
0.60	1.9831	12.3343	14.3174	46.4631	2.6163	1.98203
0.80	1.9439	11.9157	13.8595	45.1401	2.8076	1.93646
1.00	1.8973	11.4225	13.3197	43.7622	2.9971	1.88071
1.20	1.8438	10.8454	12.6891	42.3235	3.1846	1.81382
1.40	1.7861	10.1912	11.9773	40.8335	3.3708	1.73674
1.60	1.7296	9.4918	11.2114	39.3149	3.5569	1.65219
1.80	1.6821	8.7486	10.4307	37.7967	3.7448	1.56395
2.00	1.6534	8.0247	9.6781	36.3058	3.9373	1.47598
2.20	1.6552	7.3409	8.9961	34.8616	4.1378	1.39180
2.40	1.7017	6.7320	8.4337	33.4818	4.3498	1.31523

T= 14400

LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	4.0741	39.5780	43.6521	130.7023	-4.6680	4.07445
-6.80	4.0477	38.9159	42.9637	129.1706	-4.4708	4.04816
-6.60	4.0303	38.4792	42.5095	125.8742	-4.2727	4.03080
-6.40	4.0188	38.1946	42.2135	123.7363	-4.0739	4.01945
-6.20	4.0112	38.0099	42.0211	121.7027	-3.8748	4.01204
-6.00	4.0061	37.8891	41.8952	119.7359	-3.6753	4.00710
-5.80	4.0024	37.8079	41.8103	117.8107	-3.4757	4.00365
-5.60	3.9994	37.7496	41.7490	115.9099	-3.2760	4.00096
-5.40	3.9965	37.7020	41.6985	114.0212	-3.0763	3.99847
-5.20	3.9932	37.6553	41.6485	112.1348	-2.8767	3.99565
-5.00	3.9889	37.5999	41.5887	110.2413	-2.6772	3.99191
-4.80	3.9827	37.5246	41.5072	108.3305	-2.4779	3.98648
-4.60	3.9735	37.4148	41.3883	106.3886	-2.2789	3.97828
-4.40	3.9598	37.2501	41.2099	104.3969	-2.0804	3.96575
-4.20	3.9393	37.0017	40.9410	102.3294	-1.8826	3.94668
-4.00	3.9090	36.6310	40.5400	100.1512	-1.6860	3.91806
-3.80	3.8650	36.0896	39.9546	97.8191	-1.4909	3.87610
-3.60	3.8033	35.3241	39.1274	95.2871	-1.2979	3.81661
-3.40	3.7203	34.2877	38.0080	92.5175	-1.1075	3.73590
-3.20	3.6142	32.9576	36.5718	89.4977	-0.9200	3.63214
-3.00	3.4866	31.3500	34.8371	86.2549	-0.7355	3.50661
-2.80	3.3423	29.5275	32.8697	82.9588	-0.5540	3.36403
-2.60	3.1888	27.5811	30.7699	79.4084	-0.3744	3.21167
-2.40	3.0340	25.6144	28.6434	76.0085	-0.1960	3.05755
-2.20	2.8853	23.7184	26.6037	72.7500	-0.0178	2.90887
-2.00	2.7477	21.9605	24.7082	69.6956	0.1609	2.77090
-1.80	2.6244	20.3810	23.0054	66.8796	0.3410	2.64682
-1.60	2.5165	18.9965	21.5130	64.3120	0.5228	2.53795
-1.40	2.4240	17.8060	20.2300	61.9845	0.7065	2.44422
-1.20	2.3457	16.7973	19.1430	59.8780	0.8922	2.36466
-1.00	2.2802	15.9513	18.2315	57.9674	1.0799	2.29776
-0.80	2.2256	15.2463	17.4719	56.2253	1.2694	2.24176
-0.60	2.1801	14.6595	16.8396	54.6243	1.4604	2.19480

T= 14400						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-0.40	2.1418	14.1684	16.3101	53.1383	1.6527	2.15497
-0.20	2.1089	13.7506	15.8594	51.7420	1.8460	2.12031
0.0	2.0792	13.3830	15.4631	50.4111	2.0398	2.08877
0.20	2.0508	13.0450	15.0958	49.1212	2.2339	2.05804
0.40	2.0216	12.7088	14.7304	47.8473	2.4276	2.02555
0.60	1.9889	12.3490	14.3379	46.5638	2.6206	1.98843
0.80	1.9506	11.9391	13.8897	45.2466	2.8121	1.94379
1.00	1.9053	11.4575	13.3627	43.8769	3.0019	1.88920
1.20	1.8530	10.8931	12.7461	42.4469	3.1898	1.82349
1.40	1.7964	10.2504	12.0467	40.9630	3.3764	1.74733
1.60	1.7405	9.5494	11.2899	39.4487	3.5626	1.66322
1.80	1.6932	8.8205	10.5137	37.9297	3.7507	1.57490
2.00	1.6641	8.0971	9.7611	36.4342	3.9431	1.48634
2.20	1.6651	7.4111	9.0762	34.9831	4.1434	1.40127
2.40	1.7100	6.8007	8.5107	33.5975	4.3550	1.32393

T= 14500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	4.0871	39.6776	43.7647	131.0762	-4.6636	4.08746
-6.80	4.0564	38.9115	42.9680	128.4355	-4.4669	4.05684
-6.60	4.0360	38.4029	42.4389	126.0638	-4.2691	4.03650
-6.40	4.0225	38.0700	42.0926	123.8756	-4.0705	4.02316
-6.20	4.0137	37.8538	41.8674	121.8091	-3.8715	4.01444
-6.00	4.0077	37.7128	41.7205	119.8212	-3.6721	4.00868
-5.80	4.0035	37.6190	41.6225	117.8828	-3.4726	4.00472
-5.60	4.0002	37.5531	41.5534	115.9741	-3.2729	4.00175
-5.40	3.9972	37.5017	41.4990	114.0812	-3.0733	3.99915
-5.20	3.9940	37.4540	41.4480	112.1934	-2.8736	3.99636
-5.00	3.9898	37.4002	41.3900	110.3012	-2.6741	3.99281
-4.80	3.9840	37.3294	41.3133	108.3943	-2.4747	3.98774
-4.60	3.9754	37.2277	41.2031	106.4597	-2.2756	3.98016
-4.40	3.9627	37.0760	41.0387	104.4800	-2.0770	3.96860
-4.20	3.9436	36.8475	40.7911	102.4307	-1.8791	3.95099
-4.00	3.9154	36.5057	40.4212	100.2790	-1.6822	3.92448
-3.80	3.8743	36.0043	39.8787	97.9833	-1.4868	3.88541
-3.60	3.8163	35.2906	39.1069	95.4980	-1.2934	3.82962
-3.40	3.7375	34.3157	38.0532	92.7829	-1.1024	3.75325
-3.20	3.6359	33.0509	36.6868	89.8194	-0.9144	3.65400
-3.00	3.5121	31.5047	35.0168	86.6265	-0.7295	3.53248
-2.80	3.3706	29.7294	33.1000	83.2658	-0.5473	3.39278
-2.60	3.2183	27.8127	31.0309	79.8316	-0.3674	3.24180
-2.40	3.0633	25.8563	28.9196	76.4287	-0.1888	3.08753
-2.20	2.9130	23.9543	26.8673	73.1508	-0.0107	2.93743
-2.00	2.7730	22.1785	24.9516	70.0663	0.1679	2.79716
-1.80	2.6469	20.5740	23.2209	67.2143	0.3477	2.67031
-1.60	2.5361	19.1612	21.6973	64.6088	0.5291	2.55850
-1.40	2.4407	17.9423	20.3830	62.2445	0.7125	2.46192
-1.20	2.3598	16.9066	19.2664	60.1040	0.8978	2.37971
-1.00	2.2920	16.0364	18.3284	58.1632	1.0852	2.31047
-0.80	2.2354	15.3103	17.5457	56.3950	1.2743	2.25246
-0.60	2.1882	14.7058	16.8941	54.7723	1.4651	2.20382
-0.40	2.1486	14.2004	16.3490	53.2685	1.6571	2.16264
-0.20	2.1147	13.7717	15.8864	51.8583	1.8502	2.12698
0.0	2.0844	13.3975	15.4819	50.5173	2.0440	2.09477

T= 14500						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
0.20	2.0559	13.0547	15.1106	49.2212	2.2380	2.06374
0.40	2.0267	12.7186	14.7453	47.9450	2.4313	2.03134
0.60	1.9946	12.3628	14.3574	46.6631	2.6248	1.99472
0.80	1.9572	11.9609	13.9181	45.3511	2.8166	1.95094
1.00	1.9130	11.4904	13.4034	43.9891	3.0067	1.89747
1.20	1.8620	10.9384	12.8003	42.5677	3.1949	1.83292
1.40	1.8064	10.3072	12.1136	41.0918	3.3818	1.75770
1.60	1.7513	9.6149	11.3661	39.5805	3.5683	1.67411
1.80	1.7041	8.8908	10.5949	38.0613	3.7565	1.58576
2.00	1.6747	8.1684	9.8431	36.5618	3.9489	1.49669
2.20	1.6750	7.4808	9.1557	35.1043	4.1490	1.41079
2.40	1.7182	6.8699	8.5892	33.7141	4.3600	1.33280

T= 14600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	4.1019	39.8217	43.9236	131.4932	-4.6591	4.10230
-6.80	4.0664	38.9399	43.0063	128.7312	-4.4628	4.06683
-6.60	4.0426	38.3499	42.3925	126.2744	-4.2654	4.04309
-6.40	4.0268	37.9621	41.9889	124.0287	-4.0671	4.02745
-6.20	4.0164	37.7095	41.7260	121.9243	-3.8682	4.01723
-6.00	4.0095	37.5451	41.5546	119.9119	-3.6689	4.01050
-5.80	4.0047	37.4365	41.4413	117.9581	-3.4695	4.00595
-5.60	4.0011	37.3618	41.3629	116.0400	-3.2699	4.00263
-5.40	3.9990	37.3056	41.3035	114.1419	-3.0702	3.99987
-5.20	3.9947	37.2560	41.2507	112.2520	-2.8706	3.99708
-5.00	3.9907	37.2030	41.1937	110.3603	-2.6710	3.99366
-4.80	3.9852	37.1359	41.1210	108.4565	-2.4716	3.98891
-4.60	3.9772	37.0413	41.0185	106.5284	-2.2725	3.98188
-4.40	3.9653	36.9012	40.8666	104.5593	-2.0738	3.97120
-4.20	3.9476	36.6908	40.6384	102.5265	-1.8757	3.95492
-4.00	3.9213	36.3755	40.2968	100.3990	-1.6786	3.93035
-3.80	3.8830	35.9111	39.7941	98.1370	-1.4829	3.89397
-3.60	3.8284	35.2459	39.0743	95.6955	-1.2890	3.84169
-3.40	3.7537	34.3296	38.0833	93.0325	-1.0976	3.76950
-3.20	3.6564	33.1287	36.7851	90.1245	-0.9090	3.67470
-3.00	3.5366	31.6436	35.1802	86.9823	-0.7235	3.55723
-2.80	3.3980	29.9182	33.3162	83.6594	-0.5408	3.42069
-2.60	3.2472	28.0341	31.2814	80.2449	-0.3605	3.27135
-2.40	3.0922	26.0916	29.1838	76.8423	-0.1818	3.11721
-2.20	2.9406	24.1866	27.1272	73.5485	-0.0036	2.96593
-2.00	2.7935	22.3953	25.1938	70.4362	0.1749	2.82354
-1.80	2.6696	20.7674	23.4370	67.5497	0.3544	2.69402
-1.60	2.5559	19.3274	21.8933	64.9072	0.5355	2.57934
-1.40	2.4577	18.0806	20.5383	62.5065	0.7185	2.47991
-1.20	2.3742	17.0182	19.3924	60.3322	0.9035	2.39506
-1.00	2.3040	16.1238	18.4278	58.3611	1.0904	2.32345
-0.80	2.2454	15.3766	17.6220	56.5667	1.2792	2.26339
-0.60	2.1966	14.7541	16.9507	54.9218	1.4697	2.21304
-0.40	2.1556	14.2341	16.3897	53.3999	1.6615	2.17048
-0.20	2.1207	13.7941	15.9148	51.9755	1.8544	2.13377
0.0	2.0899	13.4121	15.5018	50.6240	2.0480	2.10085
0.20	2.0609	13.0649	15.1258	49.3212	2.2420	2.06947
0.40	2.0318	12.7282	14.7600	48.0421	2.4358	2.03709
0.60	2.0001	12.3759	14.3760	46.7612	2.6290	2.00090

T= 14600						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
0.80	1.9635	11.9813	13.9449	45.4538	2.8210	1.95792
1.00	1.9205	11.5213	13.4418	44.0991	3.0114	1.90552
1.20	1.8707	10.9814	12.8521	42.6860	3.2000	1.84212
1.40	1.8162	10.3617	12.1779	41.2173	3.3871	1.76787
1.60	1.7618	9.6784	11.4402	39.7102	3.5739	1.68484
1.80	1.7149	8.9596	10.6745	38.1914	3.7622	1.59653
2.00	1.6852	8.2387	9.9240	36.6885	3.9546	1.50702
2.20	1.6847	7.5501	9.2348	35.2253	4.1545	1.42035
2.40	1.7262	6.9400	8.6662	33.8316	4.3650	1.34188

T= 14700						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	4.1188	40.0138	44.1326	131.9579	-4.6543	4.11915
-6.80	4.0779	39.0042	43.0820	129.0615	-4.4586	4.07828
-6.60	4.0502	38.3230	42.3731	126.5092	-4.2616	4.05069
-6.40	4.0318	37.8725	41.9043	124.1981	-4.0636	4.03243
-6.20	4.0197	37.5783	41.5980	122.0502	-3.8649	4.02046
-6.00	4.0116	37.3869	41.3985	120.0095	-3.6658	4.01261
-5.80	4.0061	37.2611	41.2673	118.0377	-3.4664	4.00735
-5.60	4.0021	37.1759	41.1780	116.1085	-3.2668	4.00362
-5.40	3.9988	37.1136	41.1124	114.2040	-3.0672	4.00064
-5.20	3.9954	37.0614	41.0569	112.3111	-2.8675	3.99780
-5.00	3.9915	37.0086	41.0001	110.4192	-2.6679	3.99448
-4.80	3.9863	36.9443	40.9306	108.5179	-2.4685	3.99001
-4.60	3.9788	36.8559	40.8347	106.5953	-2.2693	3.98347
-4.40	3.9678	36.7263	40.6940	104.6358	-2.0705	3.97358
-4.20	3.9513	36.5321	40.4834	102.6179	-1.8723	3.95852
-4.00	3.9268	36.2411	40.1679	100.5125	-1.6750	3.93573
-3.80	3.8909	35.8110	39.7019	98.2818	-1.4790	3.90187
-3.60	3.8396	35.1913	39.0309	95.8814	-1.2848	3.85291
-3.40	3.7689	34.3309	38.0999	93.2683	-1.0929	3.78475
-3.20	3.6759	33.1923	36.8682	90.4145	-0.9037	3.69434
-3.00	3.5602	31.7684	35.3285	87.3235	-0.7176	3.58108
-2.80	3.4247	30.0946	33.5193	84.0408	-0.5345	3.44777
-2.60	3.2757	28.2462	31.5218	80.6491	-0.3538	3.30036
-2.40	3.1209	26.3207	29.4416	77.2507	-0.1748	3.14665
-2.20	2.9682	24.4158	27.3840	73.9436	0.0034	2.99441
-2.00	2.8240	22.6113	25.4354	70.8058	0.1818	2.85008
-1.80	2.6926	20.9616	23.6542	67.8965	0.3611	2.71300
-1.60	2.5760	19.4956	22.0716	65.2079	0.5419	2.60050
-1.40	2.4750	18.2214	20.6963	62.7712	0.7245	2.49825
-1.20	2.3848	17.1326	19.5214	60.5631	0.9091	2.41074
-1.00	2.3163	16.2139	18.5302	58.5616	1.0957	2.33674
-0.80	2.2557	15.4453	17.7010	56.7407	1.2842	2.27460
-0.60	2.2051	14.8048	17.0099	55.0733	1.4743	2.22249
-0.40	2.1628	14.2698	16.4326	53.5329	1.6659	2.17852
-0.20	2.1268	13.8183	15.9451	52.0939	1.8586	2.14072
0.0	2.0952	13.4280	15.5231	50.7315	2.0521	2.10704
0.20	2.0659	13.0760	15.1419	49.4215	2.2460	2.07526
0.40	2.0368	12.7383	14.7751	48.1391	2.4399	2.04286
0.60	2.0055	12.3889	14.3945	46.8598	2.6331	2.00705
0.80	1.9698	12.0012	13.9710	45.5555	2.8253	1.96483
1.00	1.9279	11.5513	13.4791	44.2079	3.0160	1.91348
1.20	1.8793	11.0233	12.9026	42.8031	3.2049	1.85124

T= 14700						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
1.40	1.8259	10.4152	12.2412	41.3418	3.3924	1.77800
1.60	1.7723	9.7412	11.5135	39.8394	3.5795	1.69559
1.80	1.7257	9.0282	10.7539	38.3214	3.7679	1.60739
2.00	1.6959	8.3094	10.0052	36.8157	3.9603	1.51749
2.20	1.6946	7.6202	9.3149	35.3473	4.1600	1.43012
2.40	1.7342	7.0121	8.7462	33.9513	4.3700	1.35131

T= 14800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	4.1378	40.2568	44.3946	132.4731	-4.6494	4.13816
-6.80	4.0909	39.1072	43.1982	129.4294	-4.4543	4.09133
-6.60	4.0589	38.3243	42.3832	126.7704	-4.2577	4.05943
-6.40	4.0375	37.8031	41.8407	124.3853	-4.0600	4.03817
-6.20	4.0234	37.4615	41.4849	122.1878	-3.8615	4.02420
-6.00	4.0141	37.2389	41.2530	120.1147	-3.6625	4.01504
-5.80	4.0078	37.0933	41.1010	118.1220	-3.4632	4.00895
-5.60	4.0032	36.9957	40.9989	116.1799	-3.2637	4.00472
-5.40	3.9996	36.9262	40.9258	114.2677	-3.0641	4.00148
-5.20	3.9962	36.8704	40.8666	112.3708	-2.8645	3.99854
-5.00	3.9923	36.8170	40.8093	110.4779	-2.6649	3.99528
-4.80	3.9873	36.7548	40.7472	108.5783	-2.4654	3.99104
-4.60	3.9803	36.6716	40.6520	106.6604	-2.2662	3.98493
-4.40	3.9700	36.5514	40.5214	104.7094	-2.0673	3.97576
-4.20	3.9546	36.3720	40.3266	102.7050	-1.8690	3.96181
-4.00	3.9318	36.1031	40.0349	100.6199	-1.6715	3.94068
-3.80	3.8982	35.7046	39.6028	98.4179	-1.4753	3.90915
-3.60	3.8500	35.1274	38.9775	96.0560	-1.2807	3.86331
-3.40	3.7832	34.3203	38.1035	93.4905	-1.0883	3.79901
-3.20	3.6944	33.2420	36.9364	90.6895	-0.8986	3.71290
-3.00	3.5827	31.8789	35.4616	87.6499	-0.7119	3.60384
-2.80	3.4505	30.2581	33.7087	84.4090	-0.5282	3.47398
-2.60	3.3035	28.4479	31.7514	81.0432	-0.3472	3.32875
-2.40	3.1493	26.5427	29.6920	77.6519	-0.1679	3.17572
-2.20	2.9958	24.6408	27.6366	74.3350	0.0104	3.02278
-2.00	2.8497	22.8257	25.6754	71.1742	0.1887	2.87670
-1.80	2.7157	21.1561	23.8718	68.2237	0.3677	2.74219
-1.60	2.5964	19.6651	22.2614	65.5101	0.5482	2.62194
-1.40	2.4925	18.3641	20.8567	63.0380	0.7305	2.51689
-1.20	2.4037	17.2492	19.6529	60.7963	0.9147	2.42673
-1.00	2.3288	16.3064	18.6352	58.7643	1.1010	2.35031
-0.80	2.2661	15.5164	17.7825	56.9167	1.2891	2.28606
-0.60	2.2138	14.8574	17.0713	55.2266	1.4790	2.23216
-0.40	2.1701	14.3074	16.4775	53.6673	1.6703	2.18673
-0.20	2.1330	13.8439	15.9769	52.2132	1.8628	2.14779
0.0	2.1006	13.4449	15.5455	50.8395	2.0562	2.11331
0.20	2.0709	13.0876	15.1586	49.5219	2.2500	2.08106
0.40	2.0418	12.7483	14.7901	48.2355	2.4439	2.04858
0.60	2.0108	12.4010	14.4119	46.9550	2.6372	2.01306
0.80	1.9758	12.0194	13.9952	45.6551	2.8296	1.97152
1.00	1.9349	11.5788	13.5137	44.3138	3.0205	1.92116
1.20	1.8875	11.0621	12.9496	42.9168	3.2097	1.86003
1.40	1.8352	10.4655	12.3007	41.4628	3.3975	1.78778
1.60	1.7824	9.8009	11.5833	39.9653	3.5849	1.70602
1.80	1.7362	9.0939	10.8301	38.4486	3.7735	1.61798

T= 14800						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
2.00	1.7052	8.3777	10.0839	36.9406	3.9659	1.52777
2.20	1.7042	7.6888	9.3930	35.4677	4.1654	1.43979
2.40	1.7417	7.0842	8.8259	34.0713	4.3748	1.36087

T= 14900						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	4.1591	40.5529	44.7120	133.0412	-4.6442	4.15947
-6.80	4.1057	39.2517	43.3574	129.8377	-4.4498	4.10613
-6.60	4.0689	39.3562	42.4251	127.0605	-4.2537	4.06941
-6.40	4.0441	37.7558	41.7999	124.5923	-4.0564	4.04477
-6.20	4.0277	37.3602	41.3880	122.3384	-3.8581	4.02851
-6.00	4.0159	37.1021	41.1190	120.2281	-3.6593	4.01784
-5.80	4.0096	36.9336	40.9432	118.2115	-3.4601	4.01080
-5.60	4.0045	36.8215	40.8260	116.2542	-3.2607	4.00597
-5.40	4.0005	36.7434	40.7440	114.3329	-3.0611	4.00239
-5.20	3.9970	36.6831	40.6801	112.4311	-2.8615	3.99931
-5.00	3.9932	36.6283	40.6214	110.5364	-2.6619	3.99607
-4.80	3.9884	36.5675	40.5559	108.6378	-2.4624	3.99201
-4.60	3.9817	36.4888	40.4705	106.7238	-2.2631	3.98628
-4.40	3.9720	36.3768	40.3488	104.7802	-2.0642	3.97776
-4.20	3.9577	36.2107	40.1684	102.7880	-1.8658	3.96482
-4.00	3.9364	35.9620	39.8983	100.7213	-1.6681	3.94521
-3.80	3.9050	35.5926	39.4975	98.5459	-1.4716	3.91585
-3.60	3.8597	35.0551	38.9148	96.2199	-1.2767	3.87294
-3.40	3.7965	34.2983	38.0948	93.6995	-1.0838	3.81232
-3.20	3.7118	33.2783	36.9901	90.9497	-0.8936	3.73041
-3.00	3.6042	31.9753	35.5795	87.9613	-0.7064	3.62556
-2.80	3.4755	30.4085	33.8840	84.7636	-0.5222	3.49928
-2.60	3.3307	29.6389	31.9695	81.4262	-0.3407	3.35645
-2.40	3.1772	26.7568	29.9341	78.0455	-0.1612	3.20437
-2.20	3.0231	24.8609	27.8841	74.7217	0.0172	3.05098
-2.00	2.8754	23.0376	25.9130	71.5406	0.1955	2.90333
-1.80	2.7390	21.3500	24.0890	68.5607	0.3744	2.76653
-1.60	2.6170	19.8353	22.4523	65.8133	0.5546	2.64361
-1.40	2.5104	19.5084	21.0188	63.3065	0.7365	2.53581
-1.20	2.4189	17.3678	19.7867	61.0314	0.9204	2.44299
-1.00	2.3416	16.4009	18.7425	58.9689	1.1063	2.36415
-0.80	2.2768	15.5894	17.8662	57.0945	1.2941	2.29776
-0.60	2.2227	14.9121	17.1348	55.3814	1.4837	2.24205
-0.40	2.1776	14.3466	16.5242	53.8031	1.6748	2.19512
-0.20	2.1393	13.8710	16.0103	52.3336	1.8671	2.15501
0.0	2.1061	13.4630	15.5691	50.9482	2.0603	2.11968
0.20	2.0760	13.1001	15.1761	49.6225	2.2540	2.08694
0.40	2.0467	12.7587	14.8054	48.3317	2.4478	2.05432
0.60	2.0161	12.4132	14.4293	47.0506	2.6413	2.01906
0.80	1.9817	12.0371	14.0188	45.7538	2.8338	1.97816
1.00	1.9418	11.6055	13.5473	44.4185	3.0250	1.92875
1.20	1.8956	11.1000	12.9956	43.0291	3.2145	1.86873
1.40	1.8445	10.5148	12.3592	41.5826	3.4026	1.79751
1.60	1.7925	9.8599	11.6524	40.0903	3.5902	1.71646
1.80	1.7467	9.1595	10.9062	38.5753	3.7790	1.62866
2.00	1.7166	8.4463	10.1629	37.0655	3.9714	1.53820
2.20	1.7139	7.7582	9.4721	35.5887	4.1708	1.44967
2.40	1.7491	7.1591	8.9081	34.1936	4.3796	1.37091

T= 15000						
LOG RHO	Z	E/RT	H/RT	S/R	LOG P	Z*
-7.00	4.1828	40.9046	45.0374	133.6652	-4.6388	4.18321
-6.80	4.1224	39.4406	43.5630	130.2896	-4.4452	4.12282
-6.60	4.0803	38.4216	42.5019	127.3925	-4.2496	4.08078
-6.40	4.0517	37.7326	41.7943	124.8215	-4.0527	4.05234
-6.20	4.0327	37.2762	41.3090	122.5040	-3.8547	4.03347
-6.00	4.0201	36.9776	40.9978	120.3513	-3.6561	4.02107
-5.80	4.0117	36.7827	40.7944	118.3071	-3.4570	4.01291
-5.60	4.0059	36.6540	40.6599	116.3323	-3.2576	4.00739
-5.40	4.0016	36.5657	40.5673	114.4003	-3.0581	4.00340
-5.20	3.9978	36.4998	40.4976	112.4925	-2.8585	4.00012
-5.00	3.9940	36.4427	40.4367	110.5951	-2.6589	3.99685
-4.80	3.9893	36.3826	40.3719	108.6968	-2.4594	3.99294
-4.60	3.9830	36.3075	40.2905	106.7859	-2.2601	3.98755
-4.40	3.9739	36.2027	40.1767	104.8489	-2.0611	3.97960
-4.20	3.9605	36.0486	40.0092	102.8676	-1.8626	3.96759
-4.00	3.9406	35.8184	39.7589	100.8177	-1.6647	3.94936
-3.80	3.9112	35.4757	39.3869	98.6667	-1.4680	3.92202
-3.60	3.8687	34.9753	38.8439	96.3743	-1.2727	3.88187
-3.40	3.8089	34.2660	38.0749	93.8965	-1.0795	3.82475
-3.20	3.7282	33.3021	37.0303	91.1962	-0.8888	3.74691
-3.00	3.6247	32.0583	35.6830	88.2584	-0.7010	3.64626
-2.80	3.4995	30.5461	34.0457	85.1050	-0.5163	3.52367
-2.60	3.3572	28.8191	32.1763	81.7986	-0.3343	3.38346
-2.40	3.2047	26.9632	30.1679	78.4315	-0.1545	3.23259
-2.20	3.0503	25.0762	28.1265	75.1039	0.0240	3.07899
-2.00	2.9011	23.2472	26.1483	71.9049	0.2022	2.92998
-1.80	2.7625	21.5434	24.3059	68.8976	0.3810	2.79103
-1.60	2.6378	20.0063	22.6441	66.1176	0.5609	2.66553
-1.40	2.5284	18.6543	21.1828	63.5766	0.7425	2.55500
-1.20	2.4344	17.4883	19.9227	61.2685	0.9261	2.45954
-1.00	2.3546	16.4976	18.8522	59.1756	1.1116	2.37825
-0.80	2.2877	15.6647	17.9574	57.2742	1.2991	2.30971
-0.60	2.2318	14.9687	17.2005	55.5380	1.4884	2.25215
-0.40	2.1852	14.3877	16.5728	53.9402	1.6792	2.20369
-0.20	2.1458	13.8996	16.0453	52.4551	1.8713	2.16237
0.0	2.1117	13.4823	15.5940	51.0577	2.0643	2.12616
0.20	2.0811	13.1134	15.1945	49.7234	2.2580	2.09286
0.40	2.0517	12.7694	14.8211	48.4278	2.4518	2.06006
0.60	2.0212	12.4250	14.4463	47.1456	2.6453	2.02499
0.80	1.9875	12.0539	14.0414	45.8512	2.8380	1.98467
1.00	1.9485	11.6307	13.5792	44.5215	3.0294	1.93617
1.20	1.9034	11.1360	13.0394	43.1395	3.2192	1.87724
1.40	1.8534	10.5621	12.4155	41.7004	3.4077	1.80705
1.60	1.8024	9.9170	11.7194	40.2137	3.5955	1.72674
1.80	1.7570	9.2236	10.9806	38.7010	3.7845	1.63924
2.00	1.7269	8.5140	10.2409	37.1900	3.9769	1.54860
2.20	1.7235	7.8273	9.5508	35.7100	4.1761	1.45961
2.40	1.7560	7.2351	8.9921	34.3188	4.3842	1.38136

DOCUMENT CONTROL DATA - R & D

(Security classification of title, body of abstract and indexing annotation must be entered when the overall report is classified)

1. ORIGINATING ACTIVITY (Corporate author)

Arnold Engineering Development Center
 ARO, Inc., Operating Contractor
 Arnold Air Force Station, Tennessee

2a. REPORT SECURITY CLASSIFICATION

UNCLASSIFIED

2b. GROUP

N/A

3. REPORT TITLE

TABLES OF EQUILIBRIUM THERMODYNAMIC PROPERTIES OF NITROGEN
 VOLUME I. CONSTANT TEMPERATURE

4. DESCRIPTIVE NOTES (Type of report and inclusive dates)

January 1966 to January 1969 - Final Report

5. AUTHOR(S) (First name, middle initial, last name)

Herbert S. Brahinsky and Charles A. Neel, ARO, Inc.

6. REPORT DATE

August 1969

7a. TOTAL NO. OF PAGES

153

7b. NO. OF REFS

8

8a. CONTRACT OR GRANT NO.

F40600-69-C-0001

b. PROJECT NO.

c. Program Element 63101F

d.

9a. ORIGINATOR'S REPORT NUMBER(S)

AEDC-TR-69-126
 VOLUME I

9b. OTHER REPORT NO(S) (Any other numbers that may be assigned this report)

N/A

10. DISTRIBUTION STATEMENT

This document has been approved for public release and sale;
 its distribution is unlimited.

11. SUPPLEMENTARY NOTES

Available in DDC

12. SPONSORING MILITARY ACTIVITY

Arnold Engineering Development
 Center, Air Force Systems Command,
 Arnold AF Station, Tennessee 37389

13. ABSTRACT

Equilibrium thermodynamic data are presented for nitrogen from a temperature of 100 to 15,000°K and from a log ρ of -7.0 to 3.0, where ρ is density in amagats. These data are tabulated at constant temperature with density incremented. The dependent parameters are Z, E/RT, H/RT, S/R, log P, and Z*. Several sources were used in assembling the data.

14. KEY WORDS	LINK A		LINK B		LINK C	
	ROLE	WT	ROLE	WT	ROLE	WT
nitrogen thermodynamic properties tables temperature density						

APSC
Approved APS Tool